

S C A L E



0 2000 4000 FEET

NEW JERSEY



QUADRANGLE
LOCATION

REFERENCE:

USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE;
ORANGE, NEW JERSEY, 1995.

FIGURE 1-1

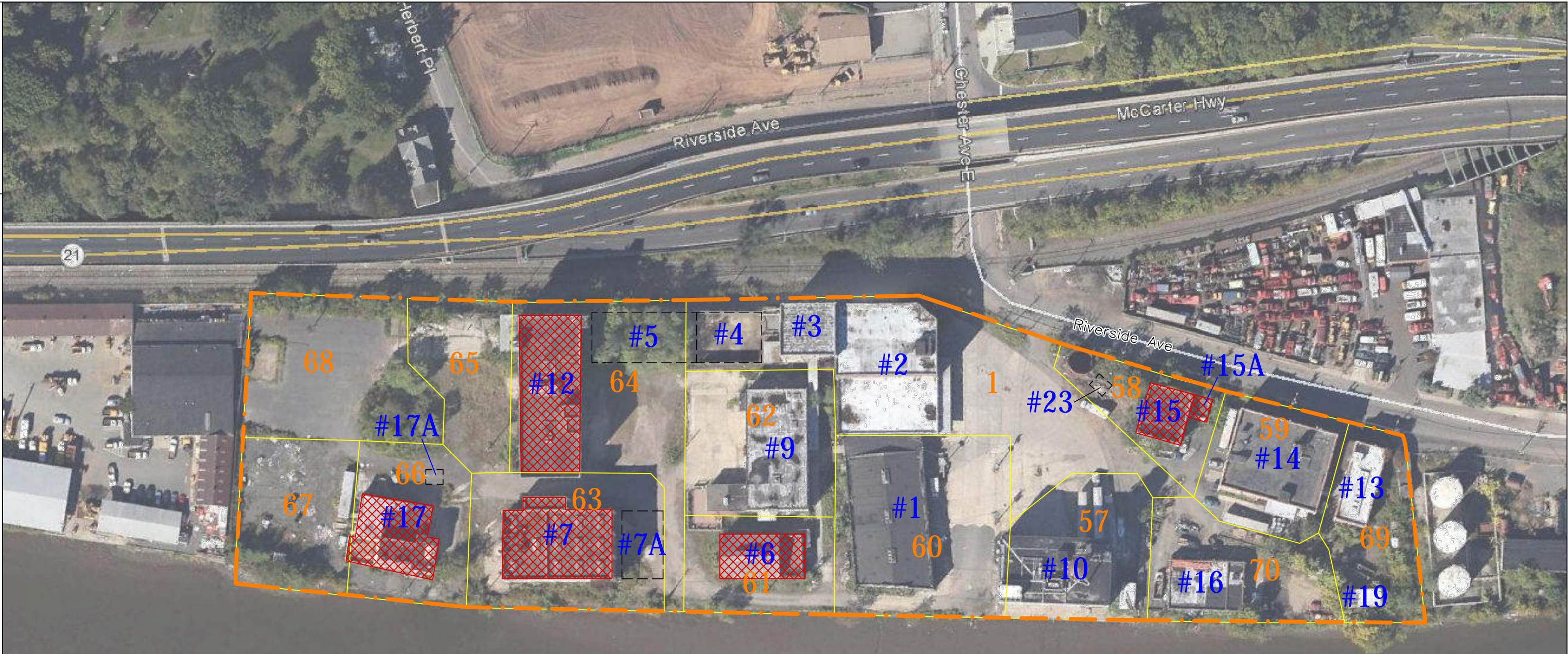
SITE LOCATION MAP

RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

DRAWING NUMBER

13620A1

			DRAWN BY: D.J. Martino	DATE: 06-18-14
			CHECKED BY: B.T. Zewe	DATE: 07-08-14
REVISION	DATE	DESCRIPTION	APPROVED BY: K.J. Bird	DATE: 07-08-14



BLOCK 614 LOT #	BUILDING #	OWNER
1	2, 3	HATZLUCHA ON RIVERSIDE, LLC.
57	10	PLAGRO REALTY, INC.
58	15, 15A	CITY OF NEWARK
59	14	ALBERT SHARPHOUSE
60	1	SHEFAH IN NEWARK, LLC.
61	6	CITY OF NEWARK
62	9	CELCOR ASSOC., LLC.
63	7	CITY OF NEWARK
64	12	CITY OF NEWARK
65	NA	INDUSTRIAL DEV. CORP.
66	17	CHEMICAL COMPOUNDS, INC.
67	NA	CELCOR ASSOC., LLC.
AR	NA	CITY OF NEWARK
69	13, 19	SHARPMORE HOLDING INC.
70	16	ESTATE OF CAROLE GRAIFMAN

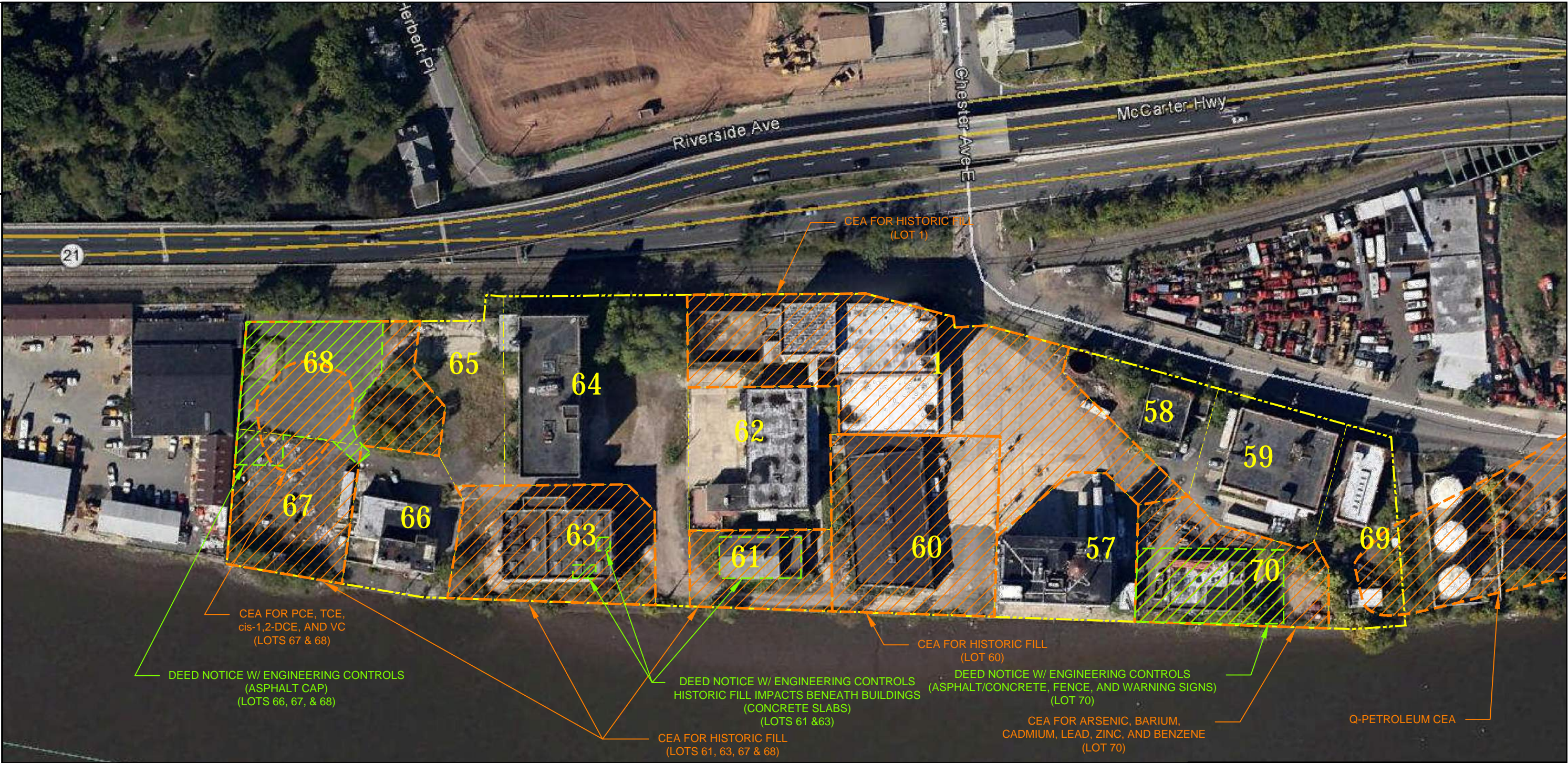
LEGEND

- FORMER BUILDING FOOTPRINT
- - - - - APPROXIMATE SITE BOUNDARY
- - - - - APPROXIMATE LOT BOUNDARY
- 61 LOT NUMBER
- #17 BUILDING NUMBER
- VACANT BUILDING

#1	6/28/16	Add Building Numbers
#2	4/6/17	Add Former Building Footprints
#3	9/26/18	Update Owner Table
REVISION	DATE	DESCRIPTION

FIGURE 2-1
PARCEL AND BUILDING LOCATION MAP
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

DRAWING NUMBER 13620B2	
DRAWN BY: T.N. Fitzroy	DATE: 3/24/14
CHECKED BY: B.T. Zewe	DATE: 07/08/14
APPROVED BY: K.J. Bird	DATE: 07/08/14



LEGEND

- ENGINEERING CONTROL
- CEA BOUNDARY
- PROPERTY BOUNDARY
- LOT NUMBER

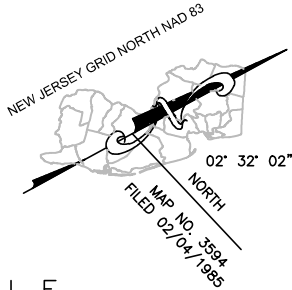
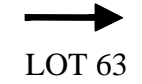
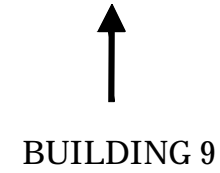






FIGURE 2-2
DEED NOTICES, CEAS, AND
ENGINEERING CONTROLS MAP

RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

			DRAWN BY: C.J. Miller	DATE: 10-15-2019
			CHECKED BY: B.T. Zewe	DATE: 10-15-2019
REVISION	DATE	DESCRIPTION	APPROVED BY: K.J. Bird	DATE: 10-15-2019



LEGEND

	VERTICAL CONCRETE WALL
	CONCRETE SLAB
	PIPE
	TANK PORTAL WHERE SAMPLE COLLECTED

REV	DESCRIPTION	DATE
	DESIGNED BY: R.J. JONES	CHECKED BY: B.T. ZENE
	DRAWN BY: C.J. MILLER	JUST LAYOUT

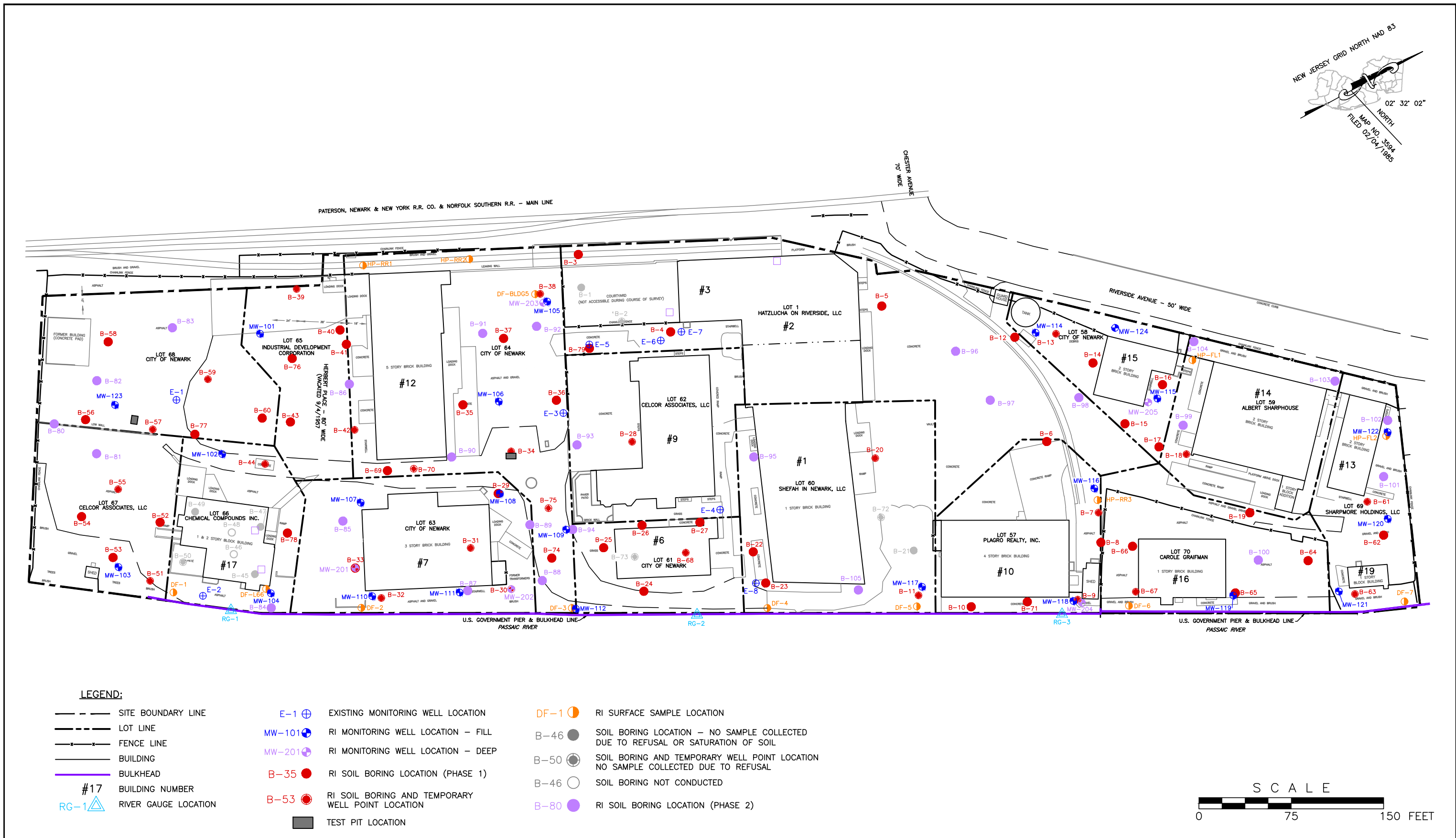
UNDERGROUND STORAGE TANK LAYOUT AND SAMPLE LOCATIONS

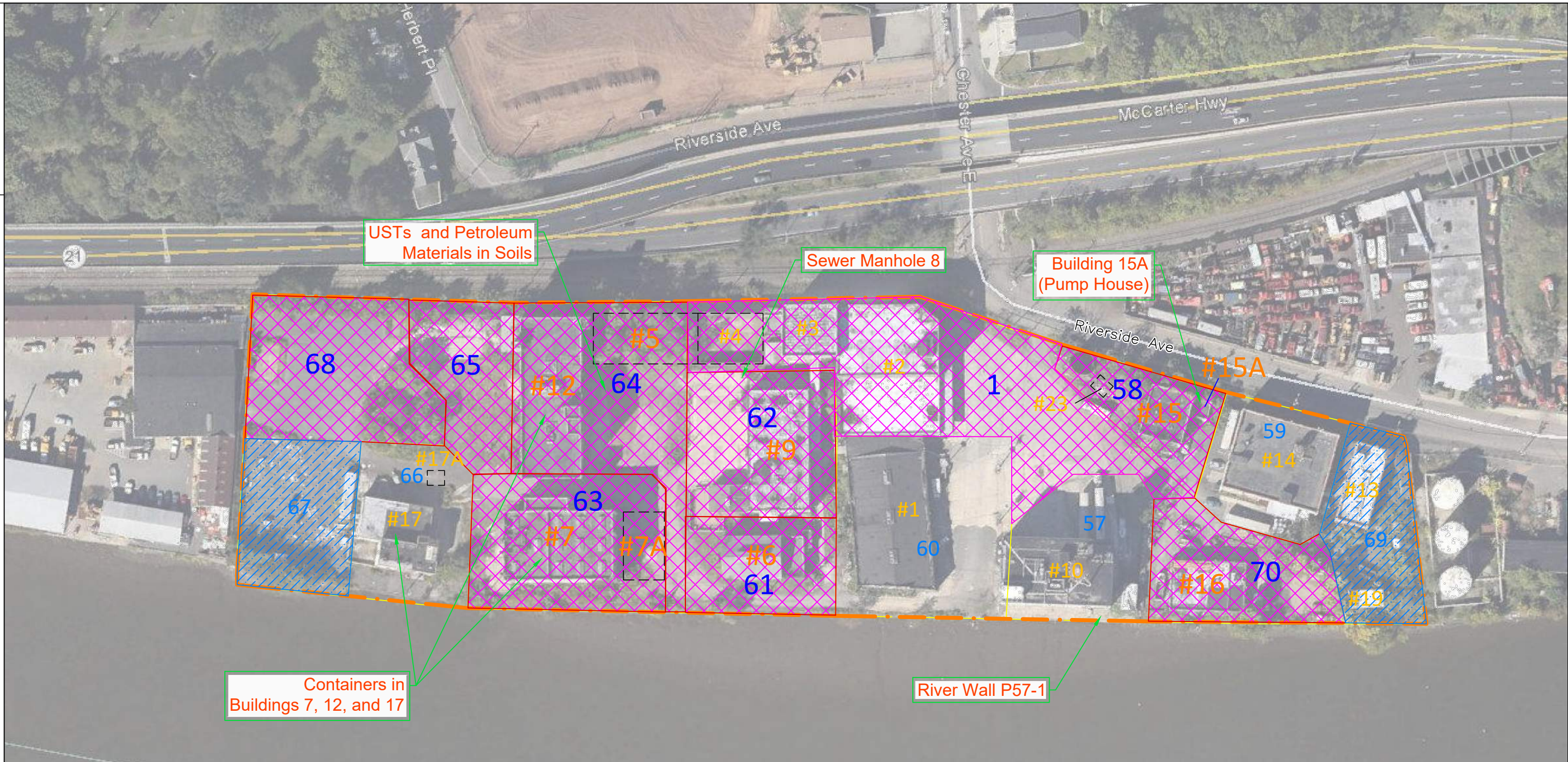
VERSIDE INDUSTRIAL PARK
SUPERFUND SITE
EPA ID: NJSFN0204232
TAX BLOCK 614

NEWARK, NEW JERSEY

JOB NO.: 0013620
DATE: 10-15-2019
SCALE: AS SHOWN
SHEET: OF

FIGURE 2-4






LEGEND

- FORMER BUILDING FOOTPRINT
- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOT BOUNDARY

61 LOT NUMBER

#17 BUILDING NUMBER

 BHHRA SHOWS RISK ABOVE EPA RISK RANGE UNDER CURRENT OR FUTURE COMMERCIAL/INDUSTRIAL USE

 LOTS WHERE MAXIMUM ECOLOGICAL HQ > 1 IN SURFACE SOIL*
*(BHHRA RISKS ARE NOT ABOVE EPA RISK RANGE UNDER CURRENT AND FUTURE COMMERCIAL/INDUSTRIAL LAND USE.)

Lot	Chemical of Concern
1	Lead
58	TCE, Xylenes
61	Lead
62	Naphthalene, Lead
63	Lead, Copper
64	Lead
65	Lead
68	Lead, TCE
70	Lead

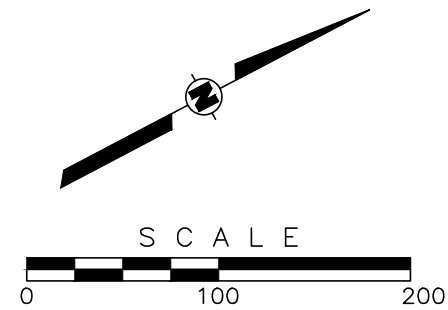


FIGURE 2-6
ON-SITE AREAS OF CONCERN
SOIL/FILL AND WASTE
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE
NEWARK, NEW JERSEY

DRAWING NUMBER
13620B2

DRAWN BY: P.F. Fillmore DATE: 03/18/2020
CHECKED BY: B.T. Zewe DATE: 03/18/2020
APPROVED BY: K.J. Bird DATE: 03/18/2020

REVISION	DATE	DESCRIPTION



Figure 3-1
Site-Wide
Soil Sampling Results
Arsenic
ARAR = 19 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

N

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

[illegible][illegible]

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Figure 3-3
Site-Wide
Soil Sampling Results
Benz(a)anthracene
ARAR = 17 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

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- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
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- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
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**Figure 3-4
Site-Wide
Soil Sampling Results**
Benzo(a)pyrene
ARAR = 2 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

N

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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Figure 3-5
Site-Wide
Soil Sampling Results
Benzo(b)fluoranthracene
ARAR = 17 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



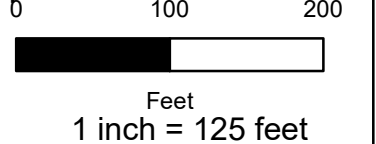
Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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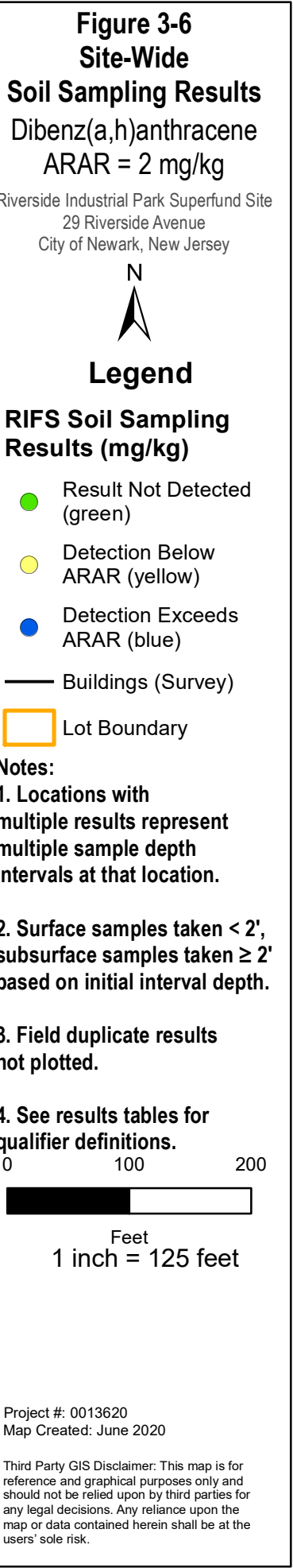




Figure 3-7
Site-Wide
Soil Sampling Results
Lead
ARAR = 800 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

N

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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Figure 3-8
Site-Wide
Soil Sampling Results
Manganese
ARAR = 5,900 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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Figure 3-9
Site-Wide
Soil Sampling Results
Naphthalene
ARAR = 17 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



Legend

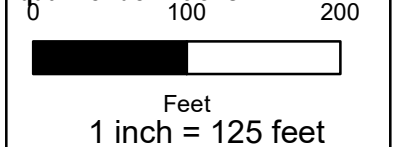
RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
-  Detection Below ARAR (yellow)
-  Detection Exceeds ARAR (blue)
-  Buildings (Survey)
-  Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.



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Figure 3-10
Site-Wide
Soil Sampling Results
Aroclor-1254
ARAR = 1 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



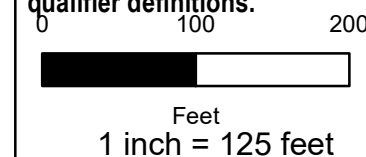
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
-  Detection Below ARAR (yellow)
-  Detection Exceeds ARAR (blue)
-  Buildings (Survey)
-  Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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Figure 3-11
Site-Wide
Soil Sampling Results
Aroclor-1260
ARAR = 1 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



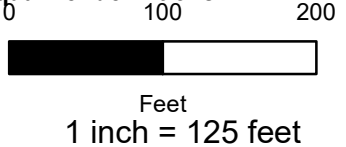
Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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This aerial map displays an industrial facility with several buildings outlined in black and numbered 1, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, and 70. The buildings are surrounded by a network of roads and parking lots. Numerous data points are plotted across the map, each labeled with a numerical value and a unit. The values range from 0.0033 to 0.046, with units including 'U', 'J', and 'UJ'. The map is overlaid with a grid of orange lines. A 'Surface' label is present in the top left corner. The map is sourced from Bing and DigitalGlobe, as indicated by the logos and copyright information at the bottom.






Subsurface

This aerial map displays a site with various buildings and parking lots. The buildings are outlined in black and labeled with numbers: 1, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, and 70. A large parking lot is visible on the left side of the map. Numerous green dots are scattered across the site, each labeled with a value (e.g., 0.036 U, 0.037 U, 0.038 U, 0.039 U, 0.04 U, 0.041 U, 0.042 U, 0.043 U, 0.044 U, 0.045 U, 0.046 U, 0.047 U, 0.048 U, 0.049 U, 0.05 U, 0.051 U, 0.052 U, 0.053 U, 0.054 U, 0.055 U, 0.056 U, 0.057 U, 0.058 U, 0.059 U, 0.06 U, 0.061 U, 0.062 U, 0.063 U, 0.064 U, 0.065 U, 0.066 U, 0.067 U, 0.068 U, 0.069 U, 0.07 U, 0.071 U, 0.072 U, 0.073 U, 0.074 U, 0.075 U, 0.076 U, 0.077 U, 0.078 U, 0.079 U, 0.08 U, 0.081 U, 0.082 U, 0.083 U, 0.084 U, 0.085 U, 0.086 U, 0.087 U, 0.088 U, 0.089 U, 0.09 U, 0.091 U, 0.092 U, 0.093 U, 0.094 U, 0.095 U, 0.096 U, 0.097 U, 0.098 U, 0.099 U, 0.1 U, 0.101 U, 0.102 U, 0.103 U, 0.104 U, 0.105 U, 0.106 U, 0.107 U, 0.108 U, 0.109 U, 0.11 U, 0.111 U, 0.112 U, 0.113 U, 0.114 U, 0.115 U, 0.116 U, 0.117 U, 0.118 U, 0.119 U, 0.12 U, 0.121 U, 0.122 U, 0.123 U, 0.124 U, 0.125 U, 0.126 U, 0.127 U, 0.128 U, 0.129 U, 0.13 U, 0.131 U, 0.132 U, 0.133 U, 0.134 U, 0.135 U, 0.136 U, 0.137 U, 0.138 U, 0.139 U, 0.14 U, 0.141 U, 0.142 U, 0.143 U, 0.144 U, 0.145 U, 0.146 U, 0.147 U, 0.148 U, 0.149 U, 0.15 U, 0.151 U, 0.152 U, 0.153 U, 0.154 U, 0.155 U, 0.156 U, 0.157 U, 0.158 U, 0.159 U, 0.16 U, 0.161 U, 0.162 U, 0.163 U, 0.164 U, 0.165 U, 0.166 U, 0.167 U, 0.168 U, 0.169 U, 0.17 U, 0.171 U, 0.172 U, 0.173 U, 0.174 U, 0.175 U, 0.176 U, 0.177 U, 0.178 U, 0.179 U, 0.18 U, 0.181 U, 0.182 U, 0.183 U, 0.184 U, 0.185 U, 0.186 U, 0.187 U, 0.188 U, 0.189 U, 0.19 U, 0.191 U, 0.192 U, 0.193 U, 0.194 U, 0.195 U, 0.196 U, 0.197 U, 0.198 U, 0.199 U, 0.2 U, 0.201 U, 0.202 U, 0.203 U, 0.204 U, 0.205 U, 0.206 U, 0.207 U, 0.208 U, 0.209 U, 0.21 U, 0.211 U, 0.212 U, 0.213 U, 0.214 U, 0.215 U, 0.216 U, 0.217 U, 0.218 U, 0.219 U, 0.22 U, 0.221 U, 0.222 U, 0.223 U, 0.224 U, 0.225 U, 0.226 U, 0.227 U, 0.228 U, 0.229 U, 0.23 U, 0.231 U, 0.232 U, 0.233 U, 0.234 U, 0.235 U, 0.236 U, 0.237 U, 0.238 U, 0.239 U, 0.24 U, 0.241 U, 0.242 U, 0.243 U, 0.244 U, 0.245 U, 0.246 U, 0.247 U, 0.248 U, 0.249 U, 0.25 U, 0.251 U, 0.252 U, 0.253 U, 0.254 U, 0.255 U, 0.256 U, 0.257 U, 0.258 U, 0.259 U, 0.26 U, 0.261 U, 0.262 U, 0.263 U, 0.264 U, 0.265 U, 0.266 U, 0.267 U, 0.268 U, 0.269 U, 0.27 U, 0.271 U, 0.272 U, 0.273 U, 0.274 U, 0.275 U, 0.276 U, 0.277 U, 0.278 U, 0.279 U, 0.28 U, 0.281 U, 0.282 U, 0.283 U, 0.284 U, 0.285 U, 0.286 U, 0.287 U, 0.288 U, 0.289 U, 0.29 U, 0.291 U, 0.292 U, 0.293 U, 0.294 U, 0.295 U, 0.296 U, 0.297 U, 0.298 U, 0.299 U, 0.3 U, 0.301 U, 0.302 U, 0.303 U, 0.304 U, 0.305 U, 0.306 U, 0.307 U, 0.308 U, 0.309 U, 0.31 U, 0.311 U, 0.312 U, 0.313 U, 0.314 U, 0.315 U, 0.316 U, 0.317 U, 0.318 U, 0.319 U, 0.32 U, 0.321 U, 0.322 U, 0.323 U, 0.324 U, 0.325 U, 0.326 U, 0.327 U, 0.328 U, 0.329 U, 0.33 U, 0.331 U, 0.332 U, 0.333 U, 0.334 U, 0.335 U, 0.336 U, 0.337 U, 0.338 U, 0.339 U, 0.34 U, 0.341 U, 0.342 U, 0.343 U, 0.344 U, 0.345 U, 0.346 U, 0.347 U, 0.348 U, 0.349 U, 0.35 U, 0.351 U, 0.352 U, 0.353 U, 0.354 U, 0.355 U, 0.356 U, 0.357 U, 0.358 U, 0.359 U, 0.36 U, 0.361 U, 0.362 U, 0.363 U, 0.364 U, 0.365 U, 0.366 U, 0.367 U, 0.368 U, 0.369 U, 0.37 U, 0.371 U, 0.372 U, 0.373 U, 0.374 U, 0.375 U, 0.376 U, 0.377 U, 0.378 U, 0.379 U, 0.38 U, 0.381 U, 0.382 U, 0.383 U, 0.384 U, 0.385 U, 0.386 U, 0.387 U, 0.388 U, 0.389 U, 0.39 U, 0.391 U, 0.392 U, 0.393 U, 0.394 U, 0.395 U, 0.396 U, 0.397 U, 0.398 U, 0.399 U, 0.4 U, 0.401 U, 0.402 U, 0.403 U, 0.404 U, 0.405 U, 0.406 U, 0.407 U, 0.408 U, 0.409 U, 0.41 U, 0.411 U, 0.412 U, 0.413 U, 0.414 U, 0.415 U, 0.416 U, 0.417 U, 0.418 U, 0.419 U, 0.42 U, 0.421 U, 0.422 U, 0.423 U, 0.424 U, 0.425 U, 0.426 U, 0.427 U, 0.428 U, 0.429 U, 0.43 U, 0.431 U, 0.432 U, 0.433 U, 0.434 U, 0.435 U, 0.436 U, 0.437 U, 0.438 U, 0.439 U, 0.44 U, 0.441 U, 0.442 U, 0.443 U, 0.444 U, 0.445 U, 0.446 U, 0.447 U, 0.448 U, 0.449 U, 0.45 U, 0.451 U, 0.452 U, 0.453 U, 0.454 U, 0.455 U, 0.456 U, 0.457 U, 0.458 U, 0.459 U, 0.46 U, 0.461 U, 0.462 U, 0.463 U, 0.464 U, 0.465 U, 0.466 U, 0.467 U, 0.468 U, 0.469 U, 0.47 U, 0.471 U, 0.472 U, 0.473 U, 0.474 U, 0.475 U, 0.476 U, 0.477 U, 0.478 U, 0.479 U, 0.48 U, 0.481 U, 0.482 U, 0.483 U, 0.484 U, 0.485 U, 0.486 U, 0.487 U, 0.488 U, 0.489 U, 0.49 U, 0.491 U, 0.492 U, 0.493 U, 0.494 U, 0.495 U, 0.496 U, 0.497 U, 0.498 U, 0.499 U, 0.5 U, 0.501 U, 0.502 U, 0.503 U, 0.504 U, 0.505 U, 0.506 U, 0.507 U, 0.508 U, 0.509 U, 0.51 U, 0.511 U, 0.512 U, 0.513 U, 0.514 U, 0.515 U, 0.516 U, 0.517 U, 0.518 U, 0.519 U, 0.52 U, 0.521 U, 0.522 U, 0.523 U, 0.524 U, 0.525 U, 0.526 U, 0.527 U, 0.528 U, 0.529 U, 0.53 U, 0.531 U, 0.532 U, 0.533 U, 0.534 U, 0.535 U,

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[illegible][illegible]

RIFS Soil Sampling Results (mg/kg)

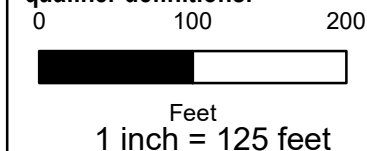
-  Result Not Detected (green)
-  Detection Below ARAR (yellow)
-  Detection Exceeds ARAR (blue)
-  Buildings (Survey)
-  Lot Boundary

1. Locations with multiple results represent multiple sample depth intervals at that location.

2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.

- 3. Field duplicate results not plotted.**

4. See results tables for qualifier definitions.



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Map Created: June 2020

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Figure 3-14
Site-Wide
Soil Sampling Results
Vinyl Chloride
ARAR = 2 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



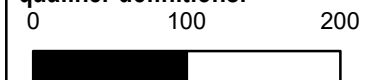
Legend

RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
-  Detection Below ARAR (yellow)
-  Detection Exceeds ARAR (blue)
-  Buildings (Survey)
-  Lot Boundary

Notes:

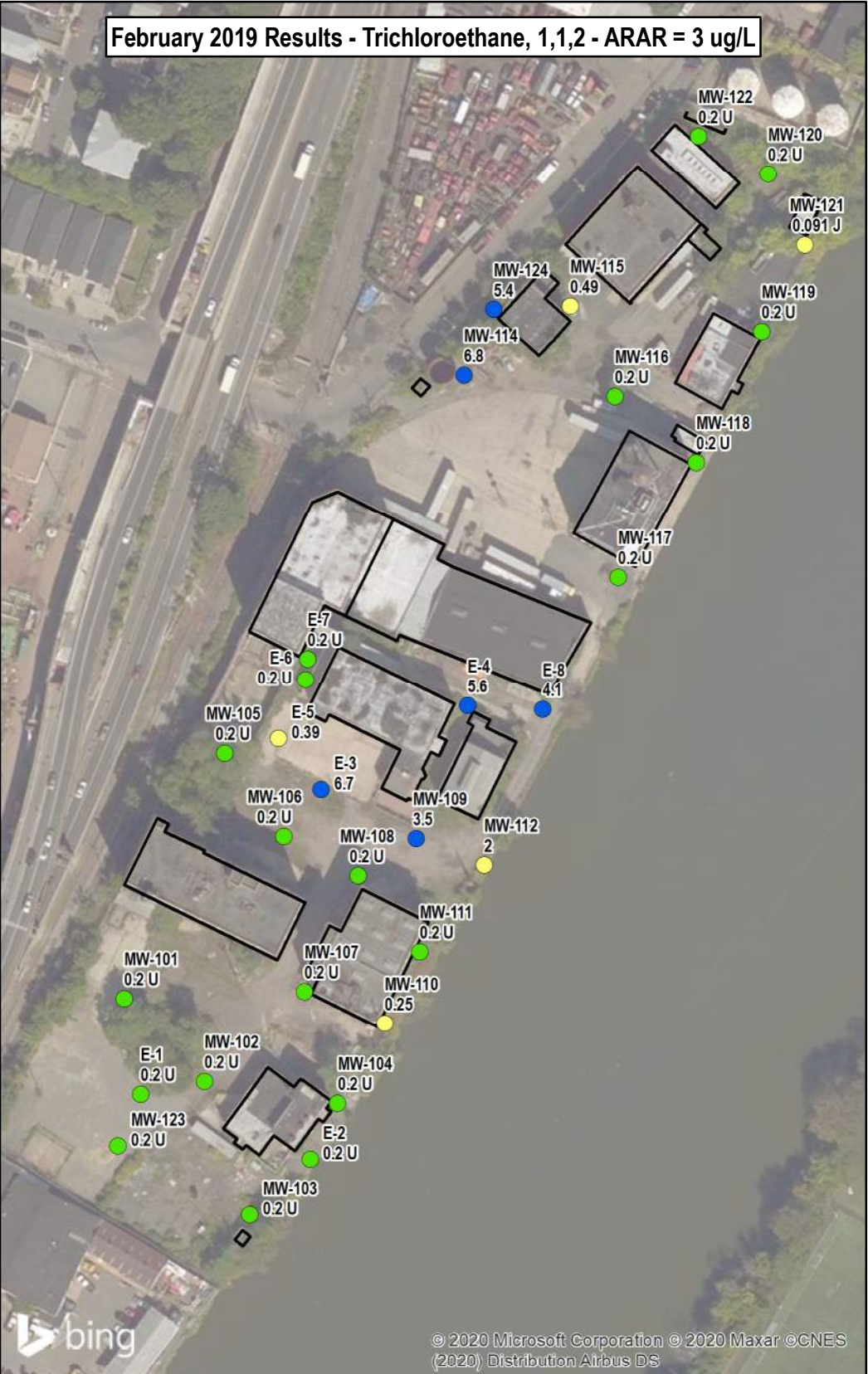
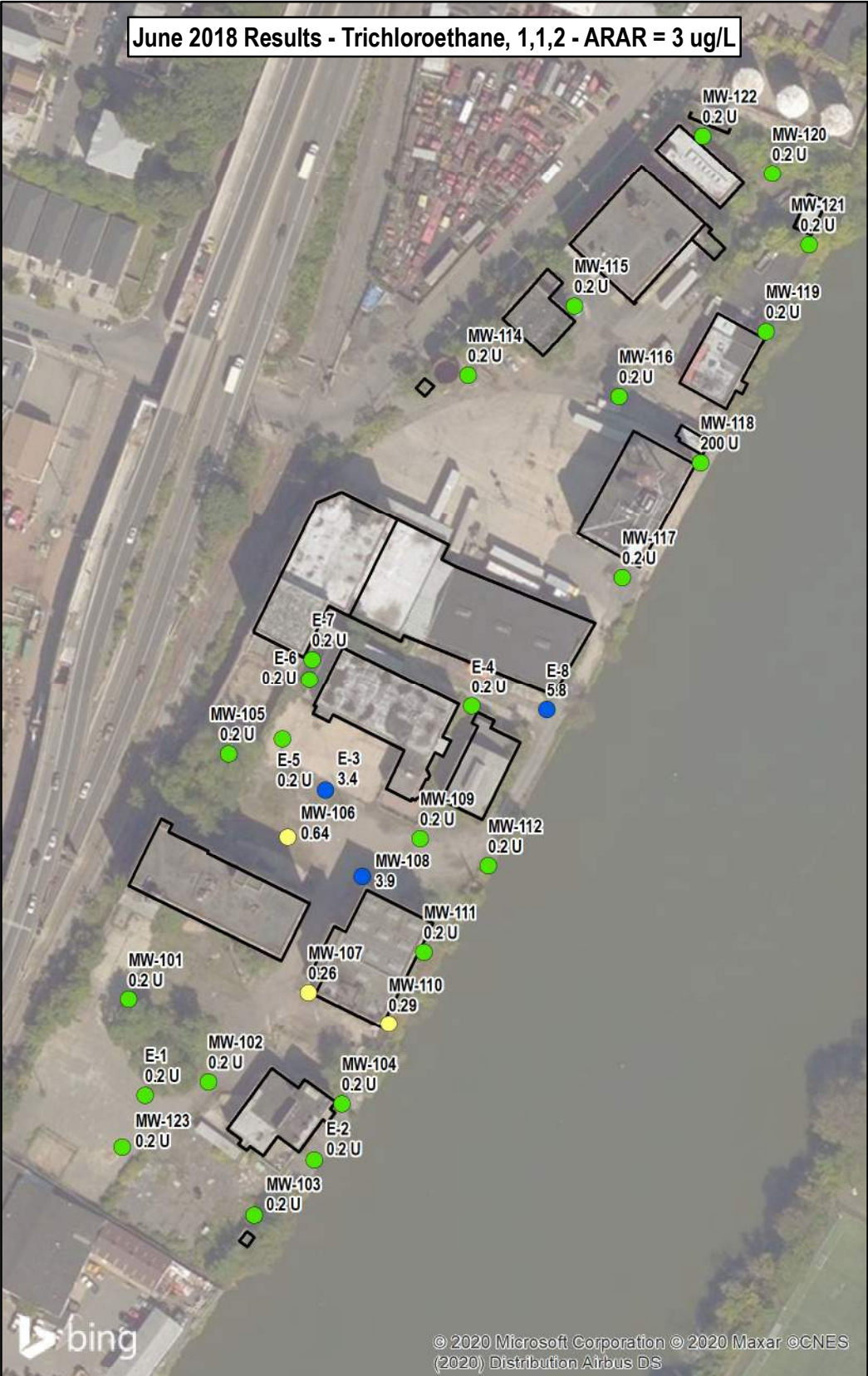
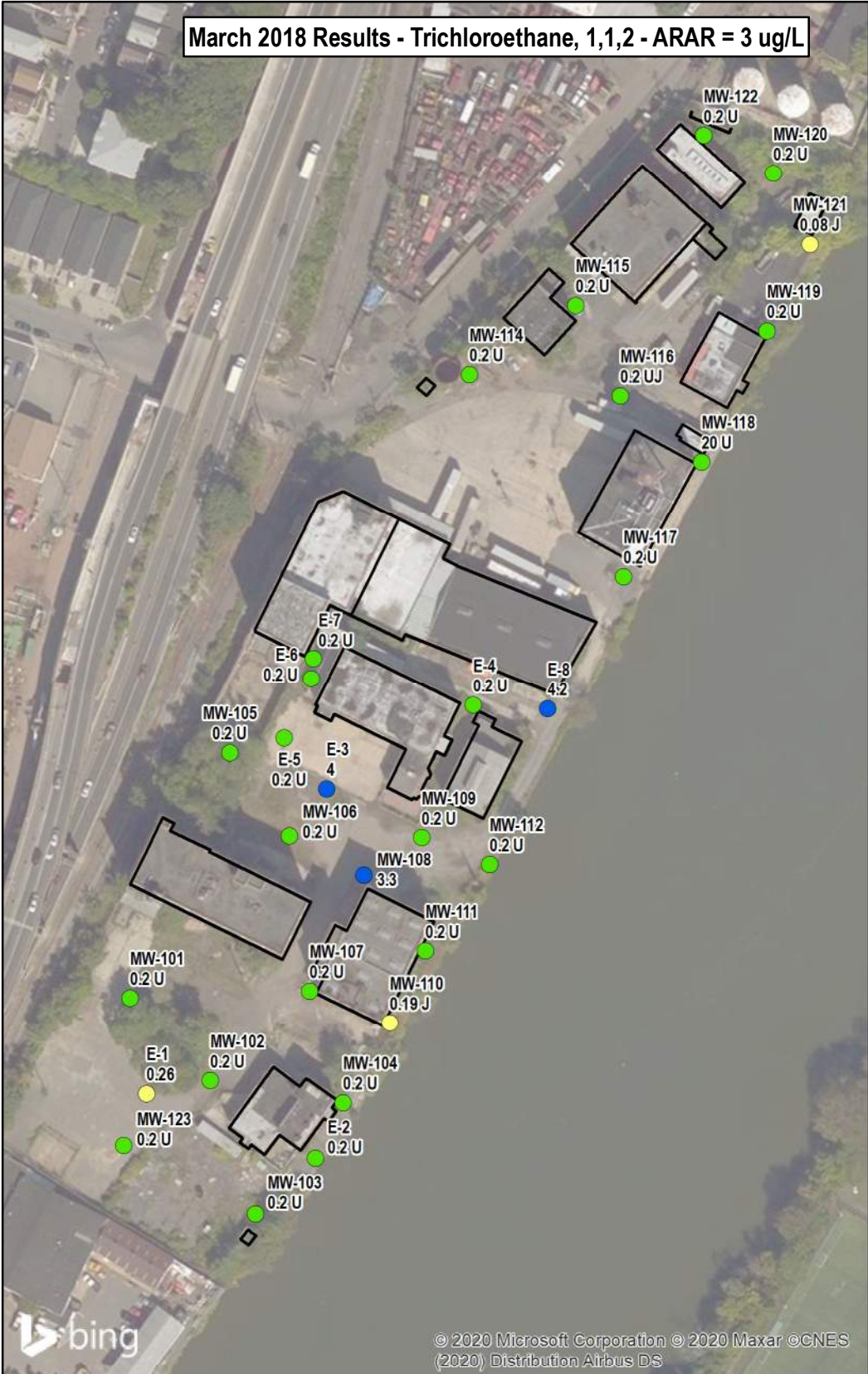
1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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<p>Figure 3-15</p> <p>Trichloroethane, 1,1,2</p> <p>Groundwater Sampling</p> <p>Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)● Detection Below ARAR (yellow)● Detection Exceeds ARAR (blue)— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>N</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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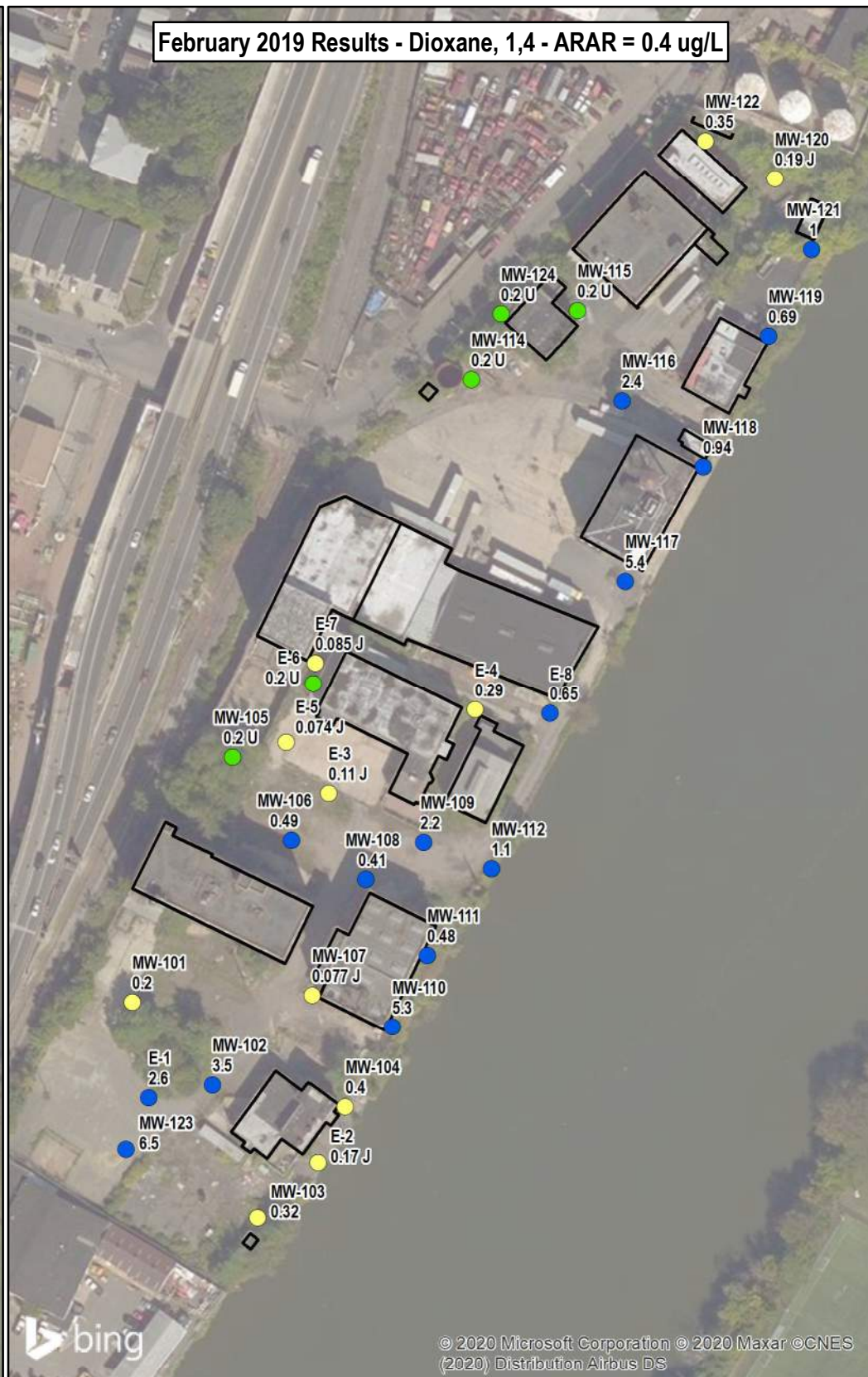
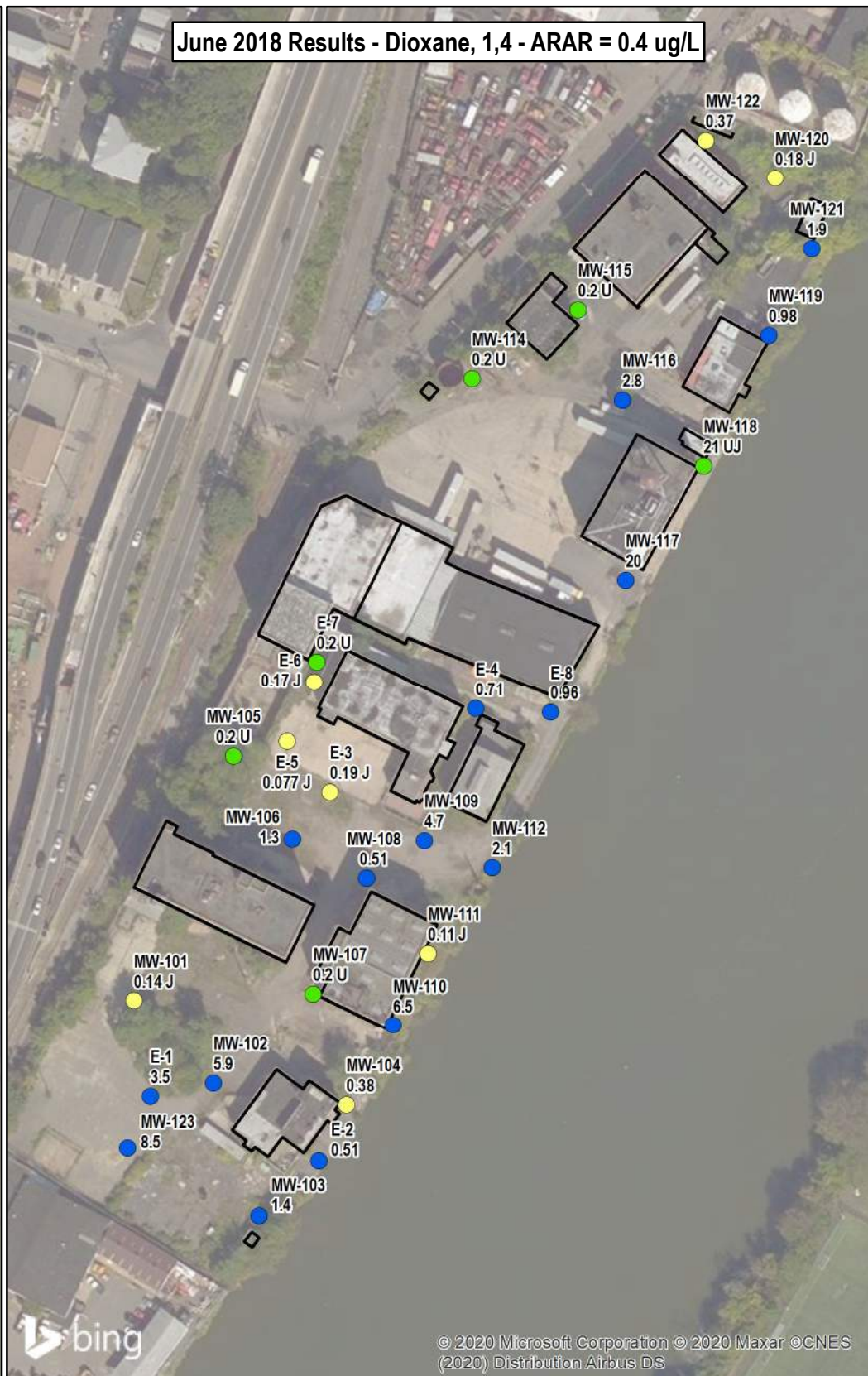
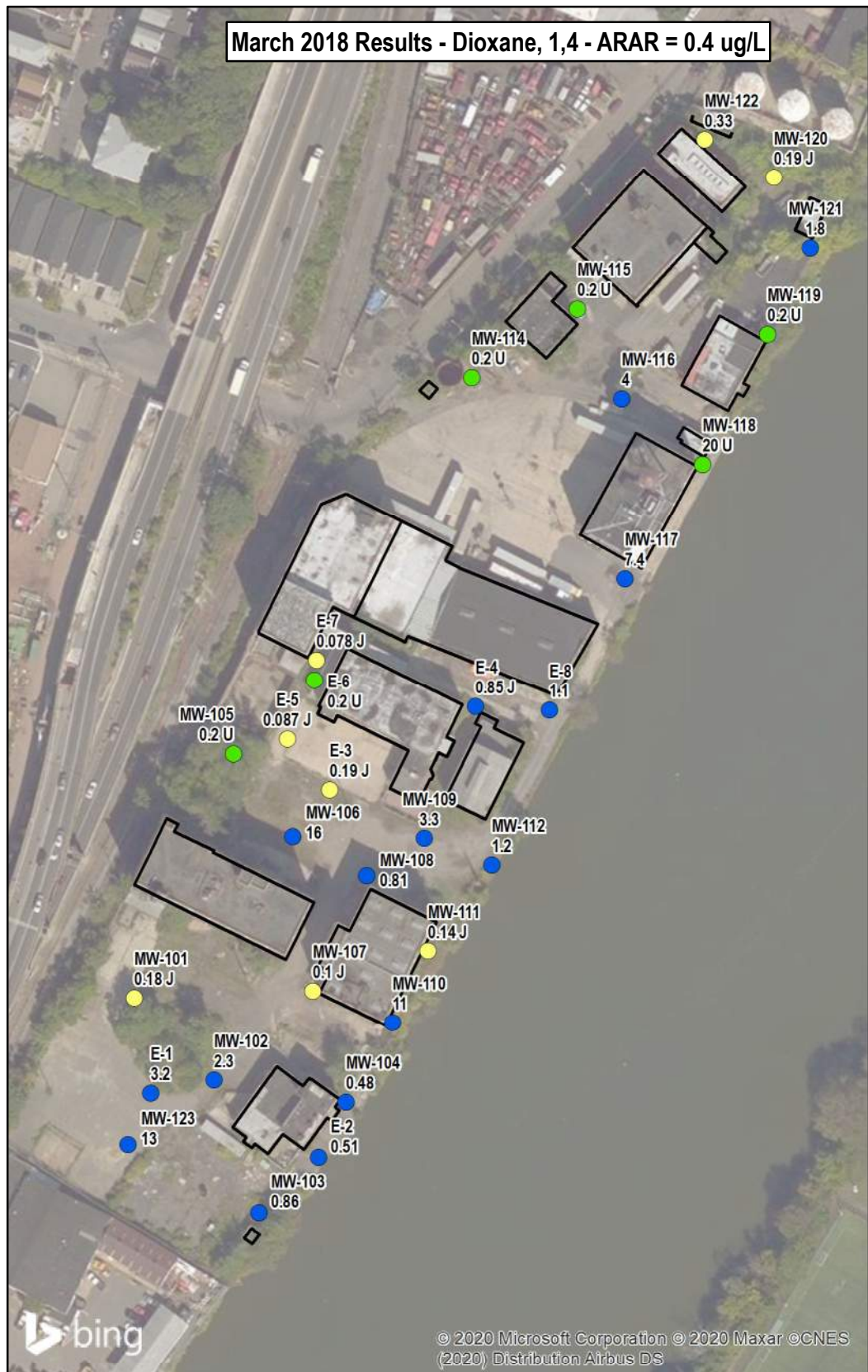


Figure 3-16
Dioxane, 1,4
Groundwater Sampling
Results - Fill Unit

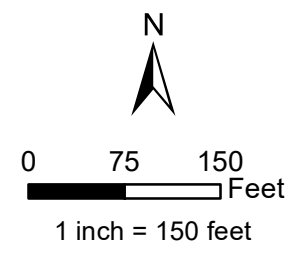
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

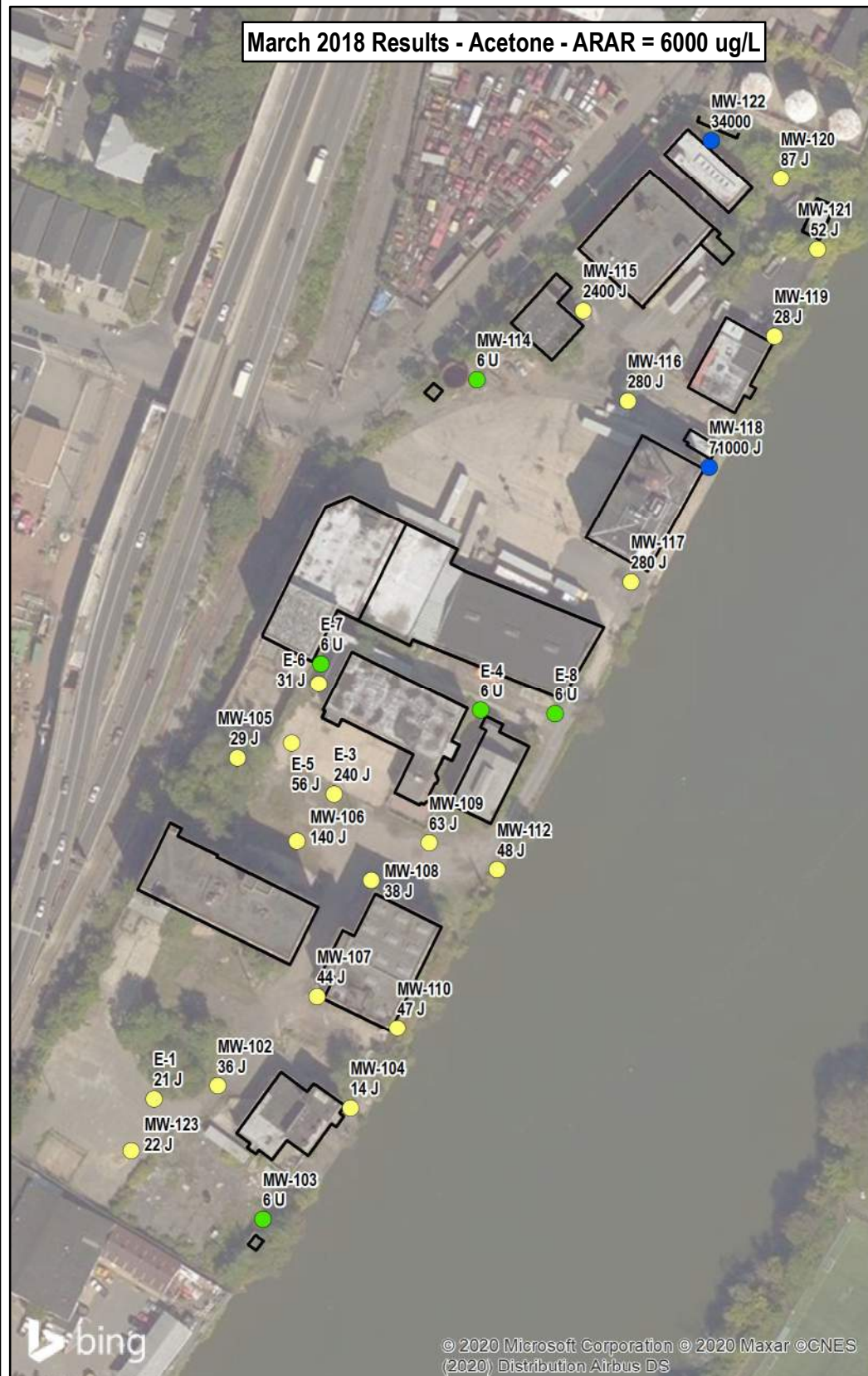
Notes:

1. See RIR results tables for qualifier definitions.

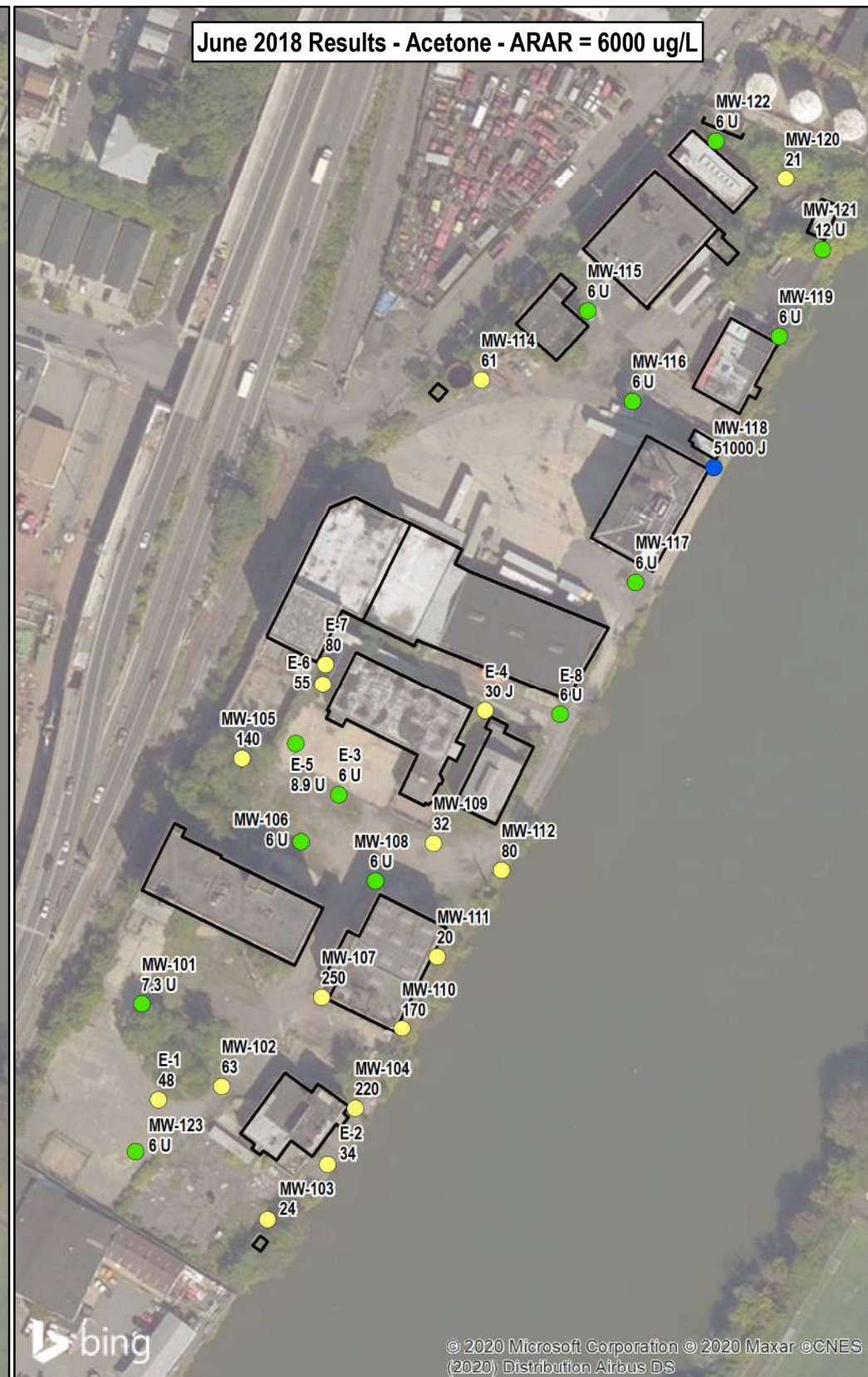


Project #: 0013620
Map Created: June 2020
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March 2018 Results - Acetone - ARAR = 6000 ug/L



June 2018 Results - Acetone - ARAR = 6000 ug/L



February 2019 Results - Acetone - ARAR = 6000 ug/L

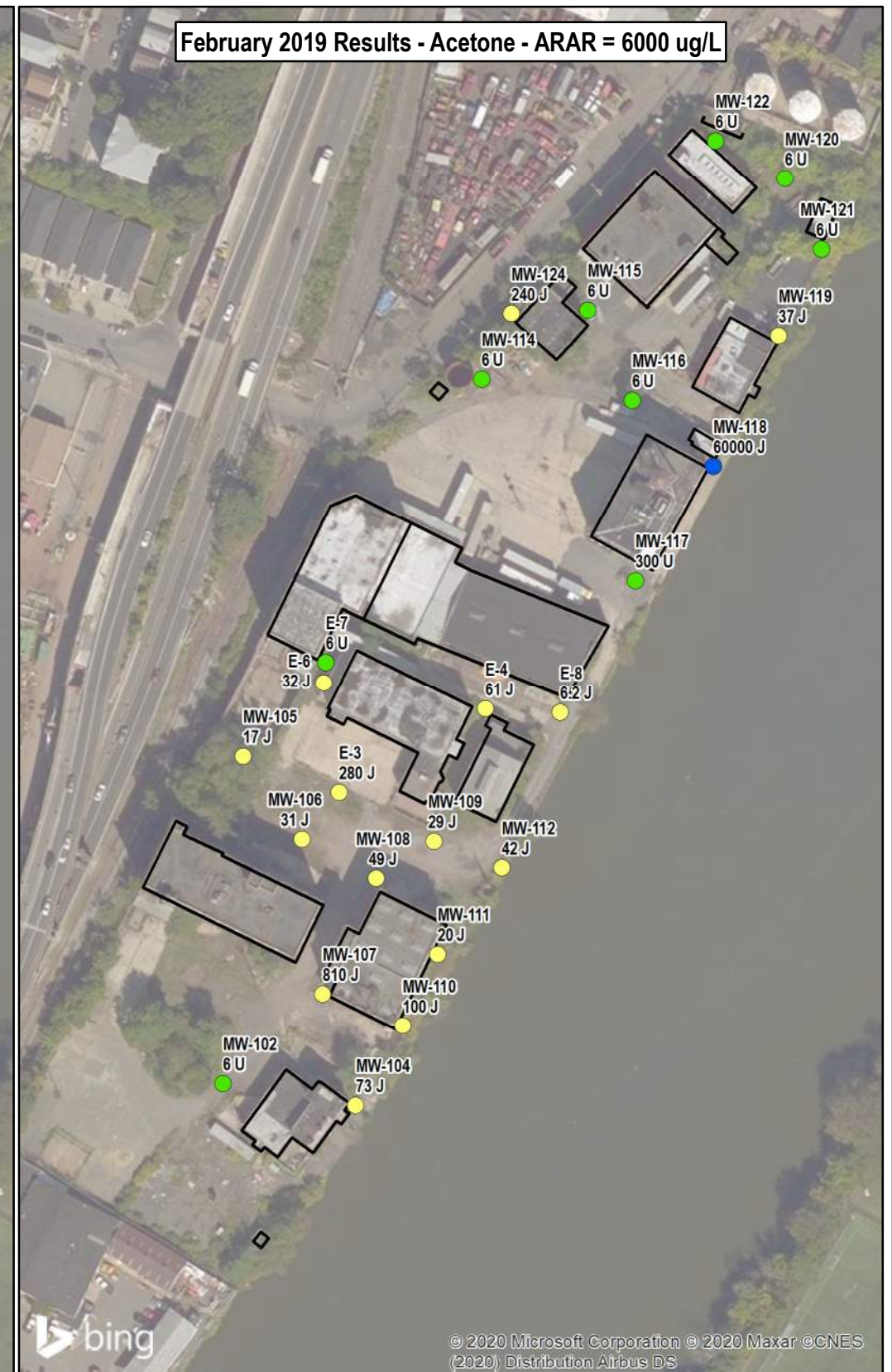


Figure 3-17
Acetone
Groundwater Sampling
Results - Fill Unit

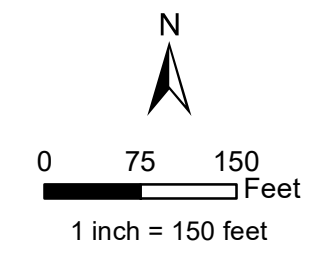
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

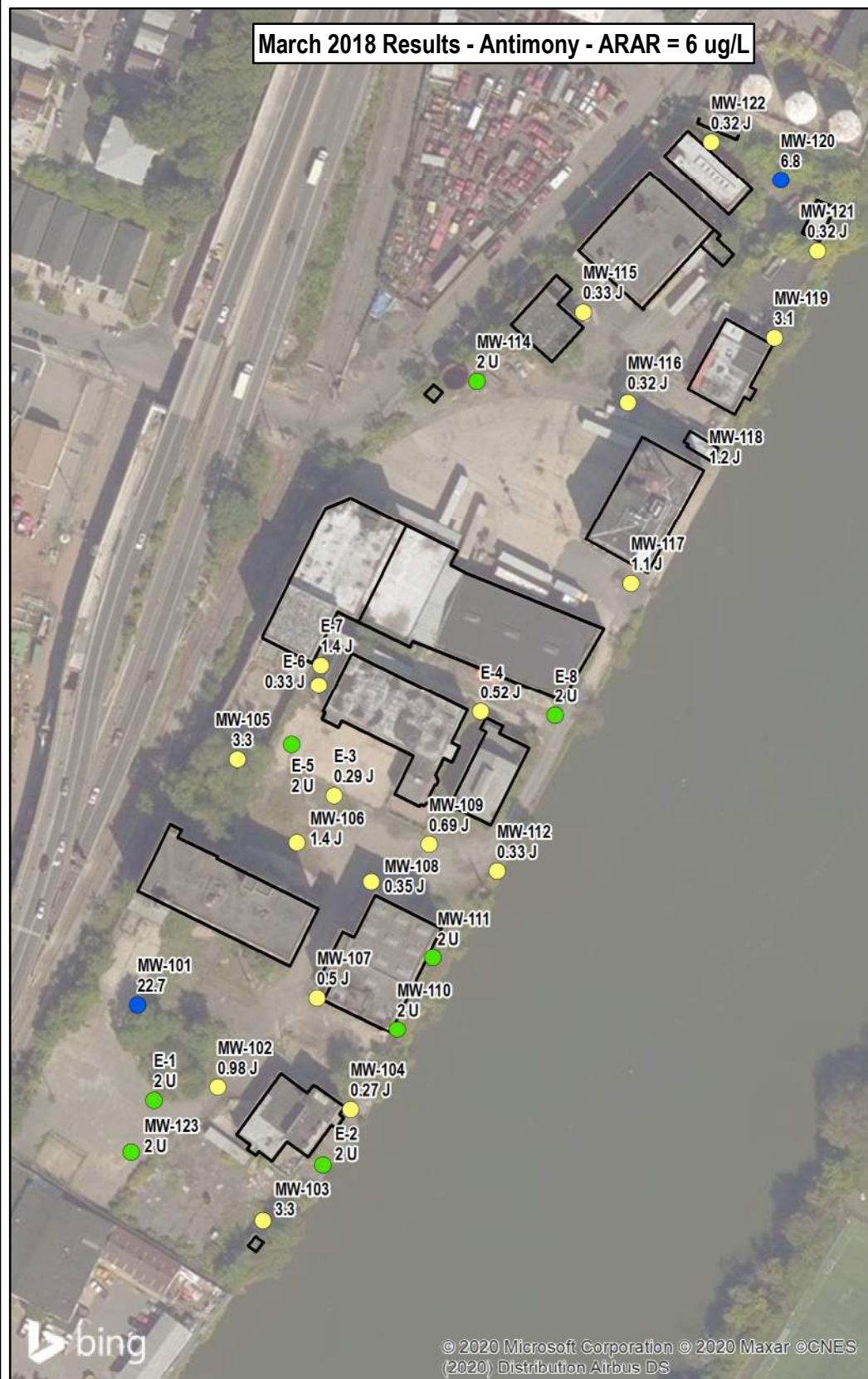
Notes:

1. See RIR results tables for qualifier definitions.

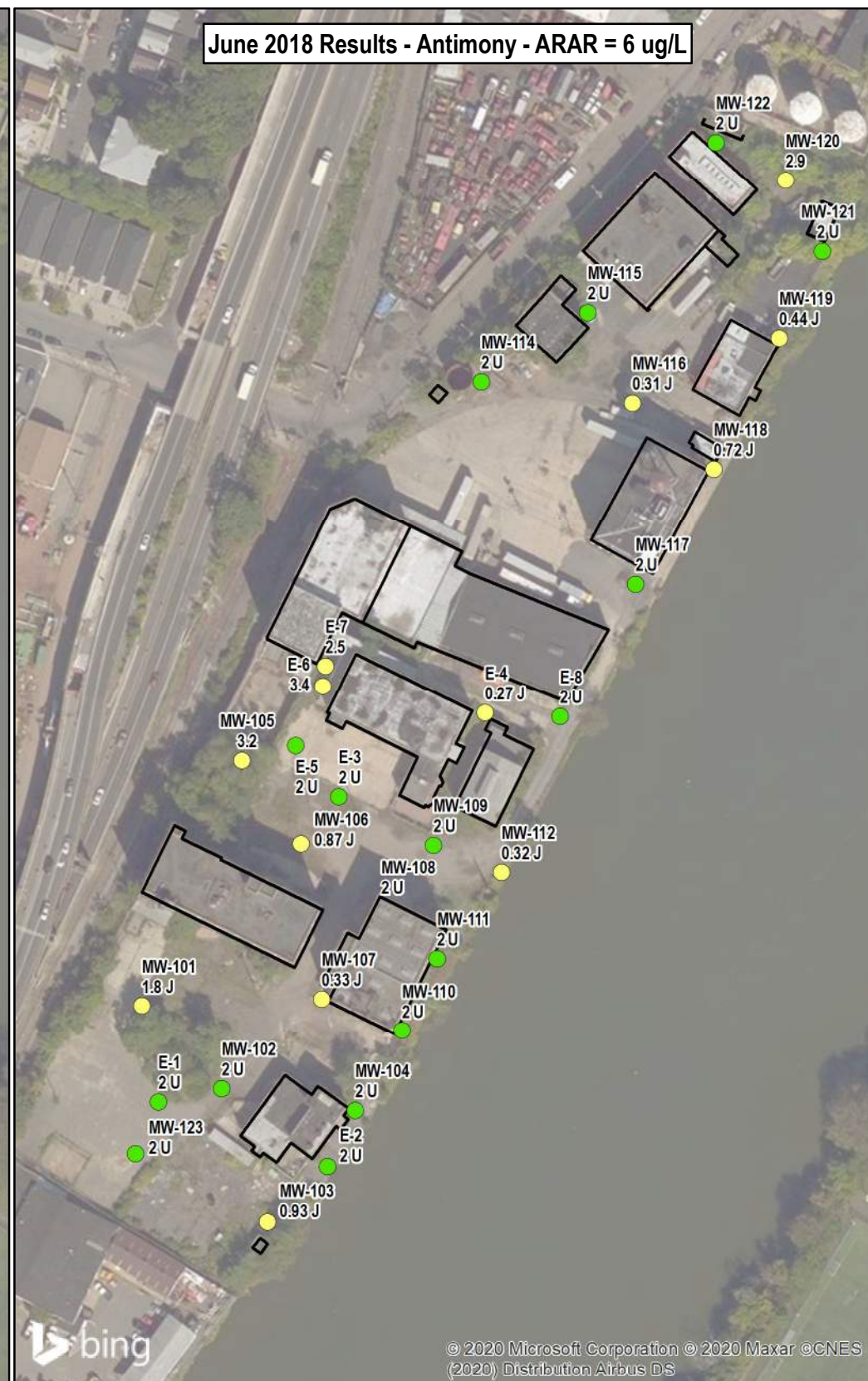


Project #: 0013620
Map Created: June 2020
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March 2018 Results - Antimony - ARAR = 6 ug/L



June 2018 Results - Antimony - ARAR = 6 ug/L



February 2019 Results - Antimony - ARAR = 6 ug/L

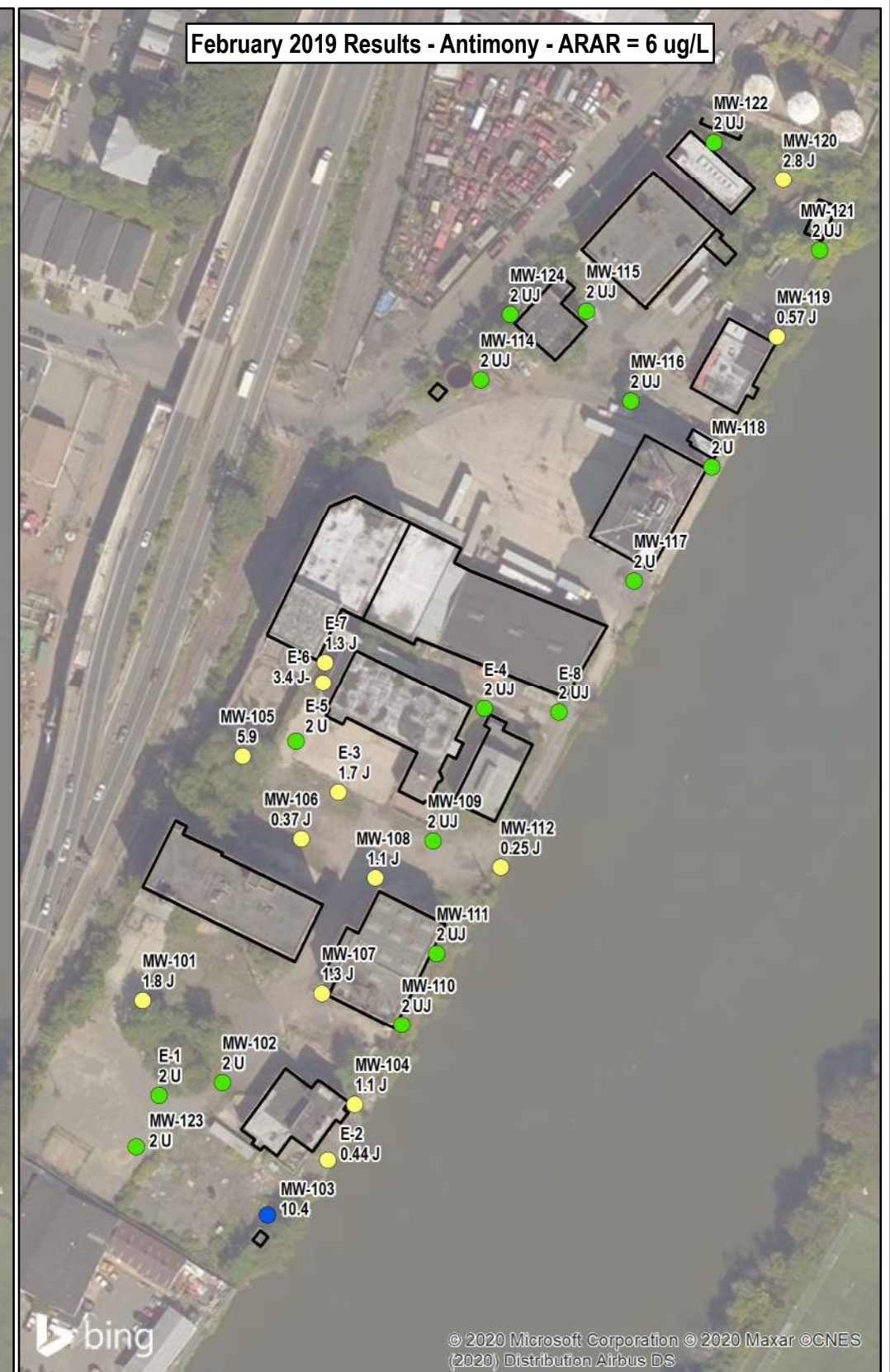


Figure 3-18
Antimony
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

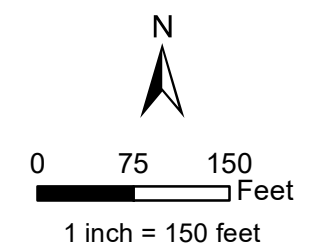
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

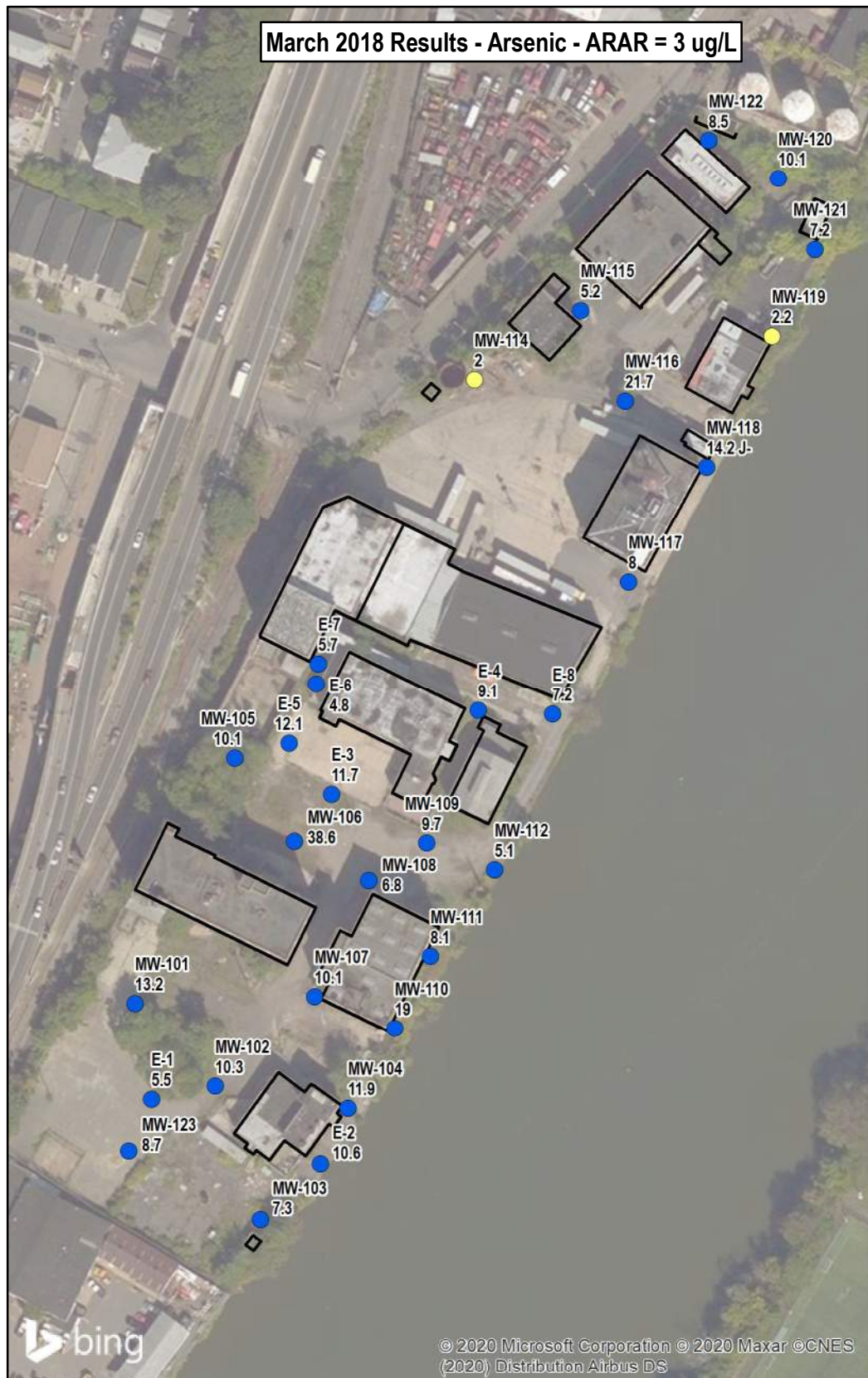
Notes:

1. See RIR results tables for qualifier definitions.

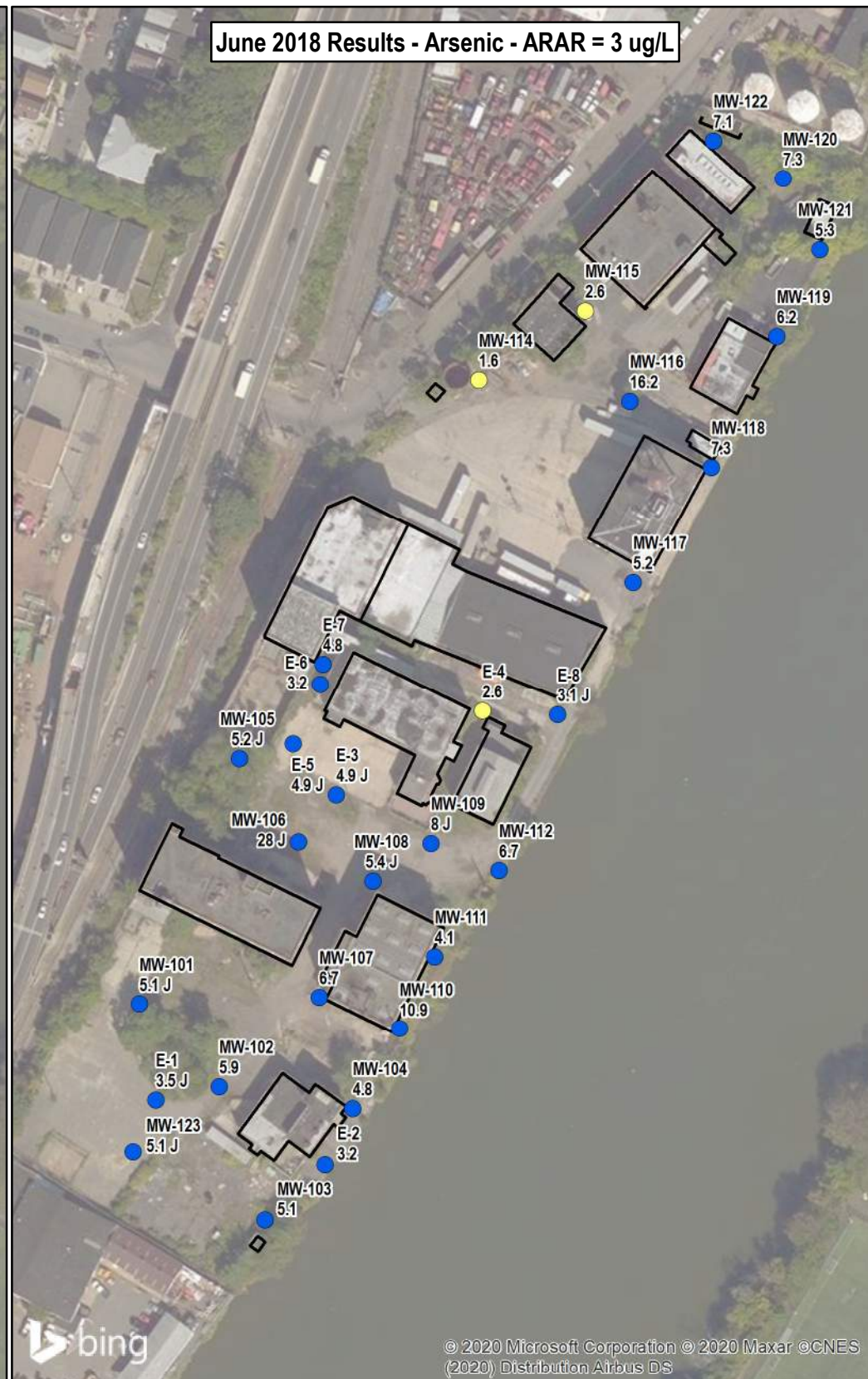


Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

March 2018 Results - Arsenic - ARAR = 3 ug/L



June 2018 Results - Arsenic - ARAR = 3 ug/L



February 2019 Results - Arsenic - ARAR = 3 ug/L

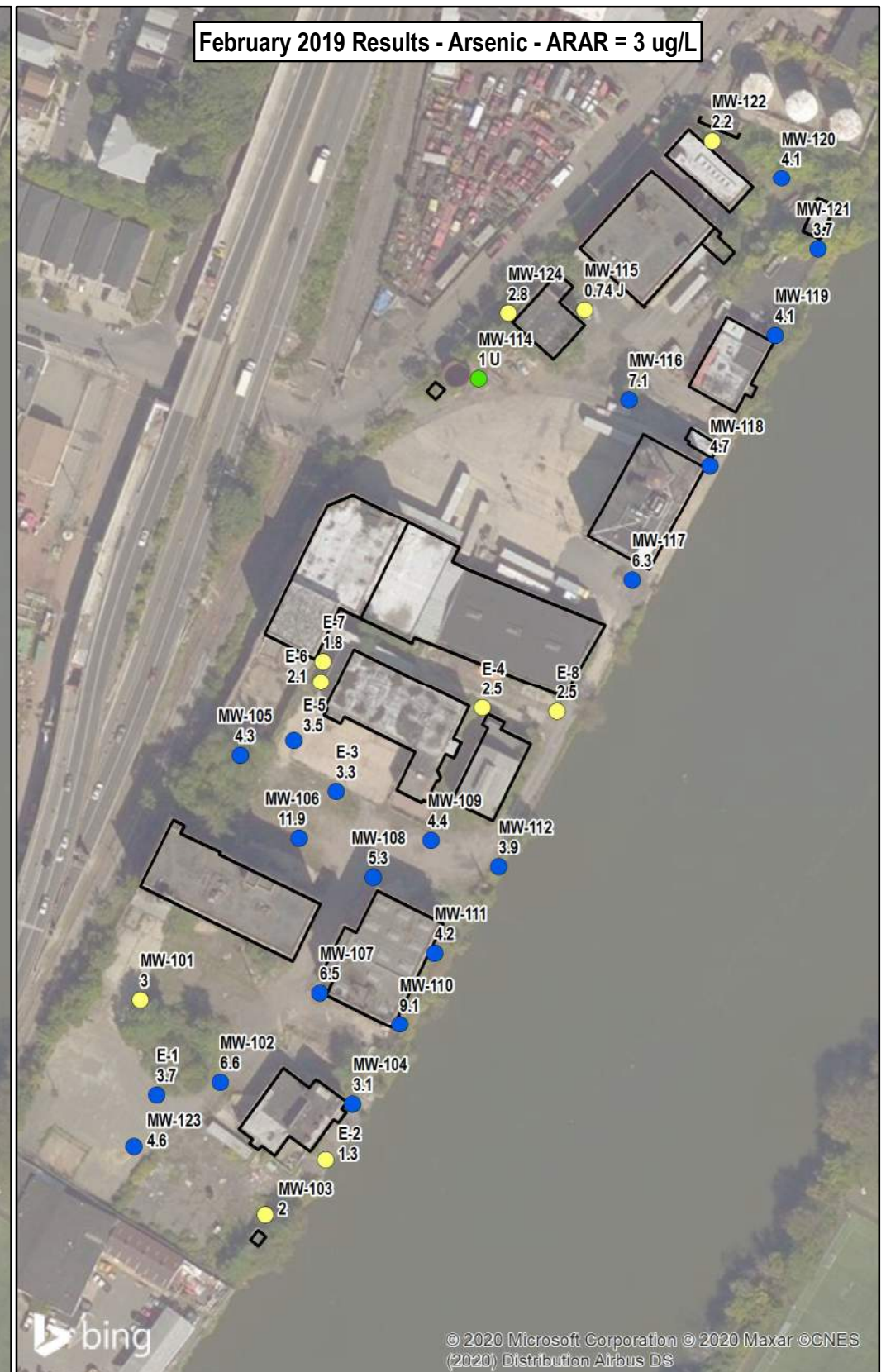


Figure 3-19

**Arsenic
Groundwater Sampling
Results - Fill Unit**

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

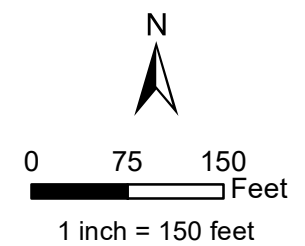
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

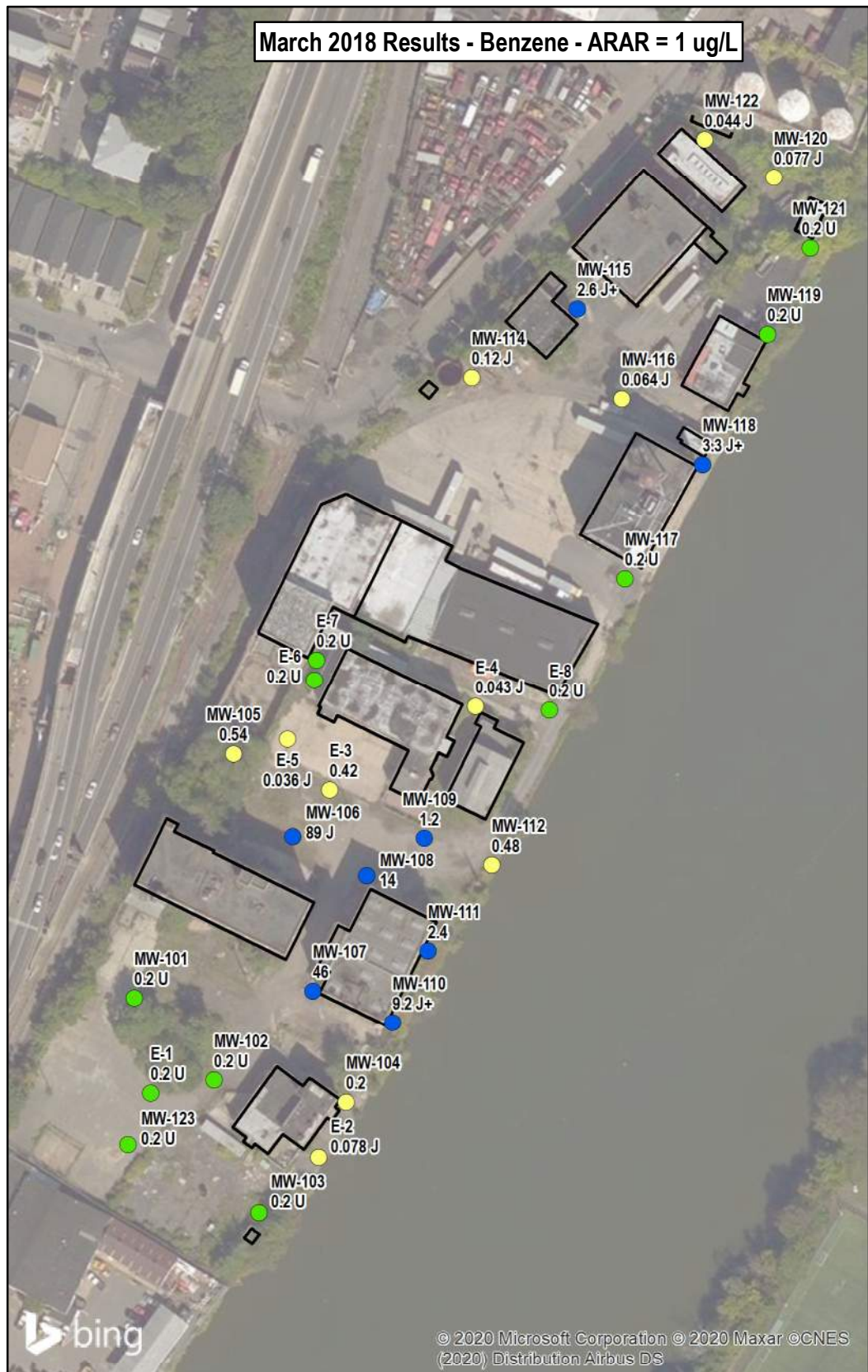
Notes:

1. See RIR results tables for qualifier definitions.

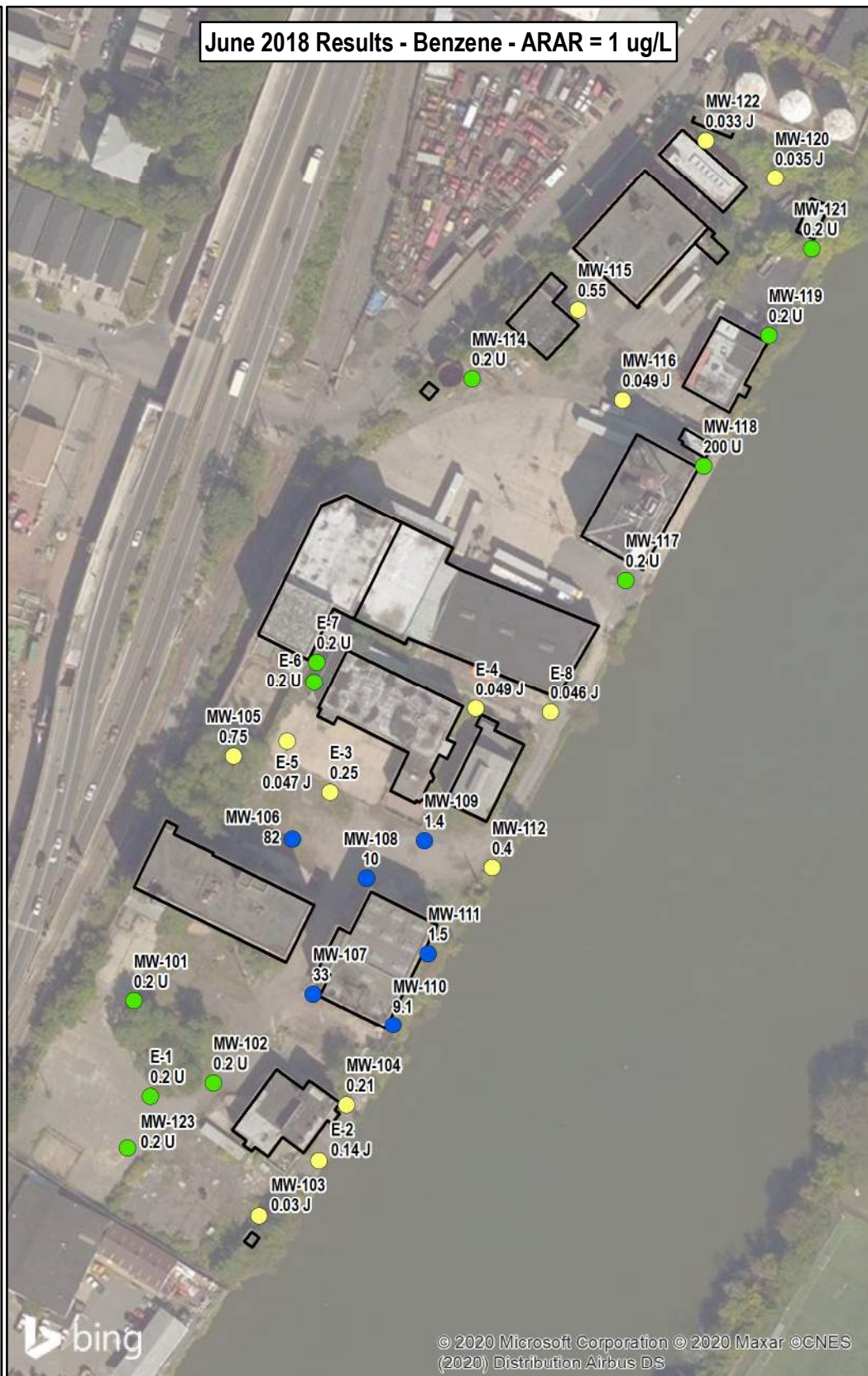


Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

March 2018 Results - Benzene - ARAR = 1 ug/L



June 2018 Results - Benzene - ARAR = 1 ug/L



February 2019 Results - Benzene - ARAR = 1 ug/L

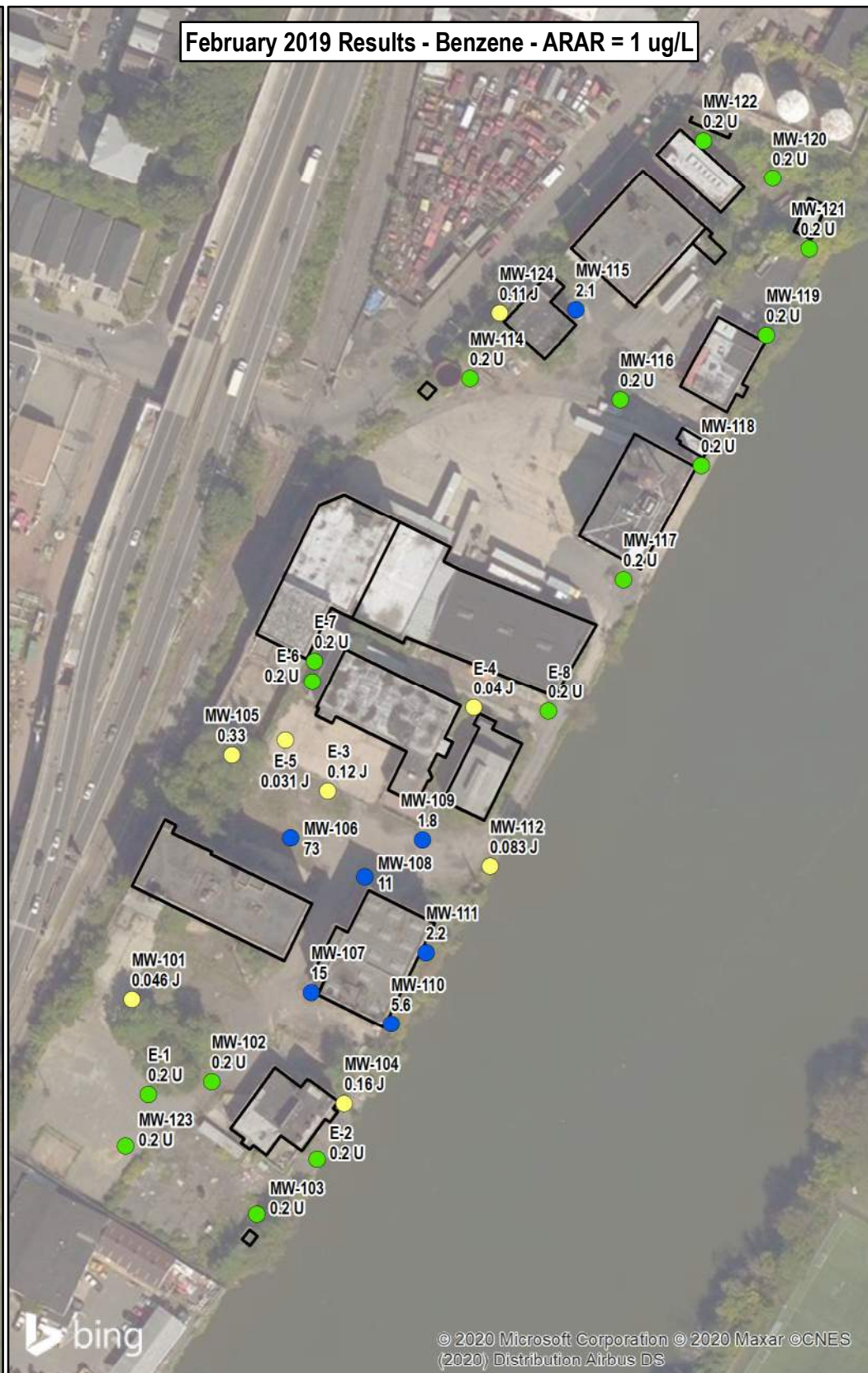


Figure 3-20

**Benzene
Groundwater Sampling
Results - Fill Unit**

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



0 75 150
Feet
1 inch = 150 feet

Project #: 0013620
Map Created: June 2020
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and graphical purposes only and should not be relied
upon by third parties for any legal decisions. Any
reliance upon the map or data contained herein shall
be at the users' sole risk.

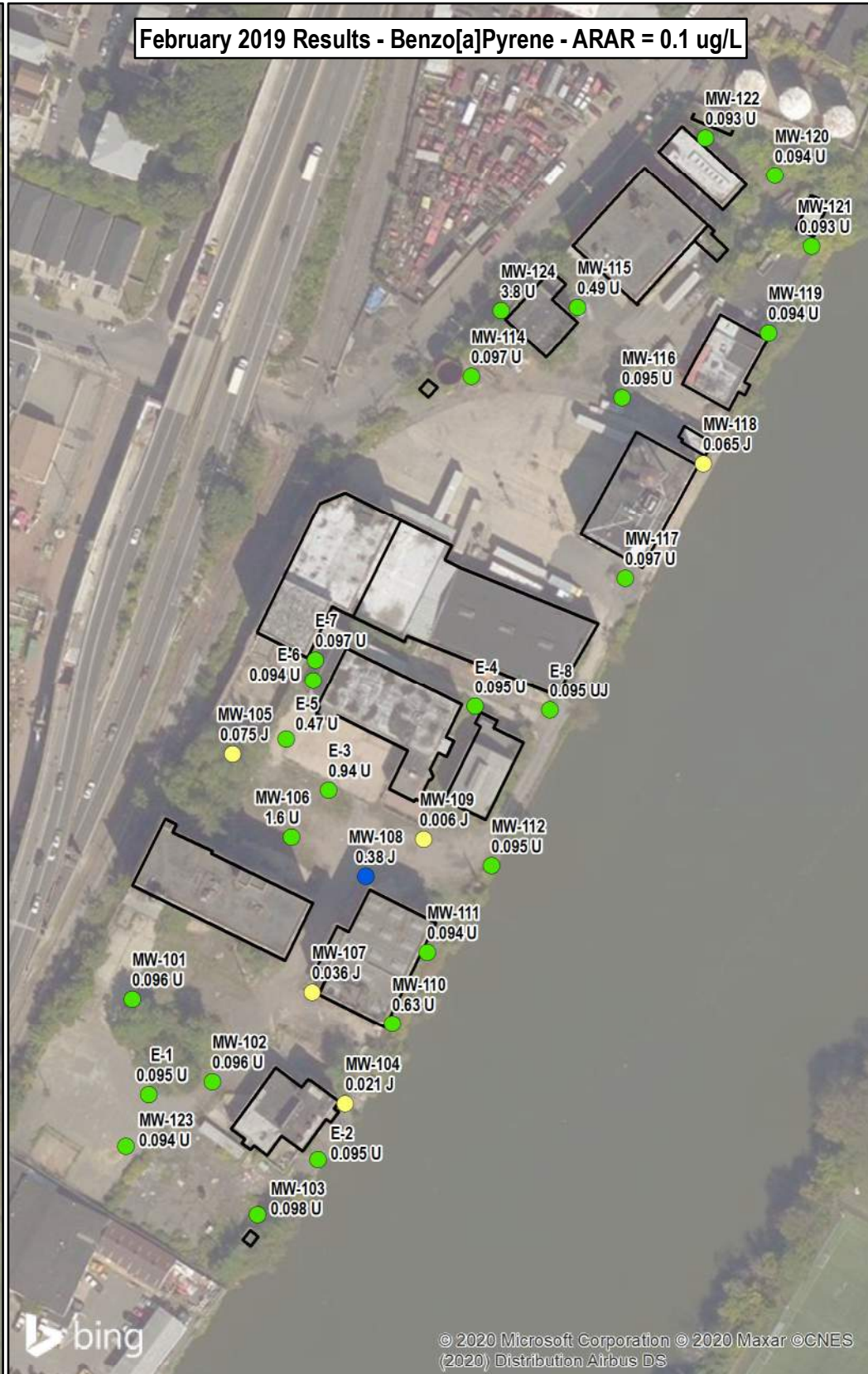
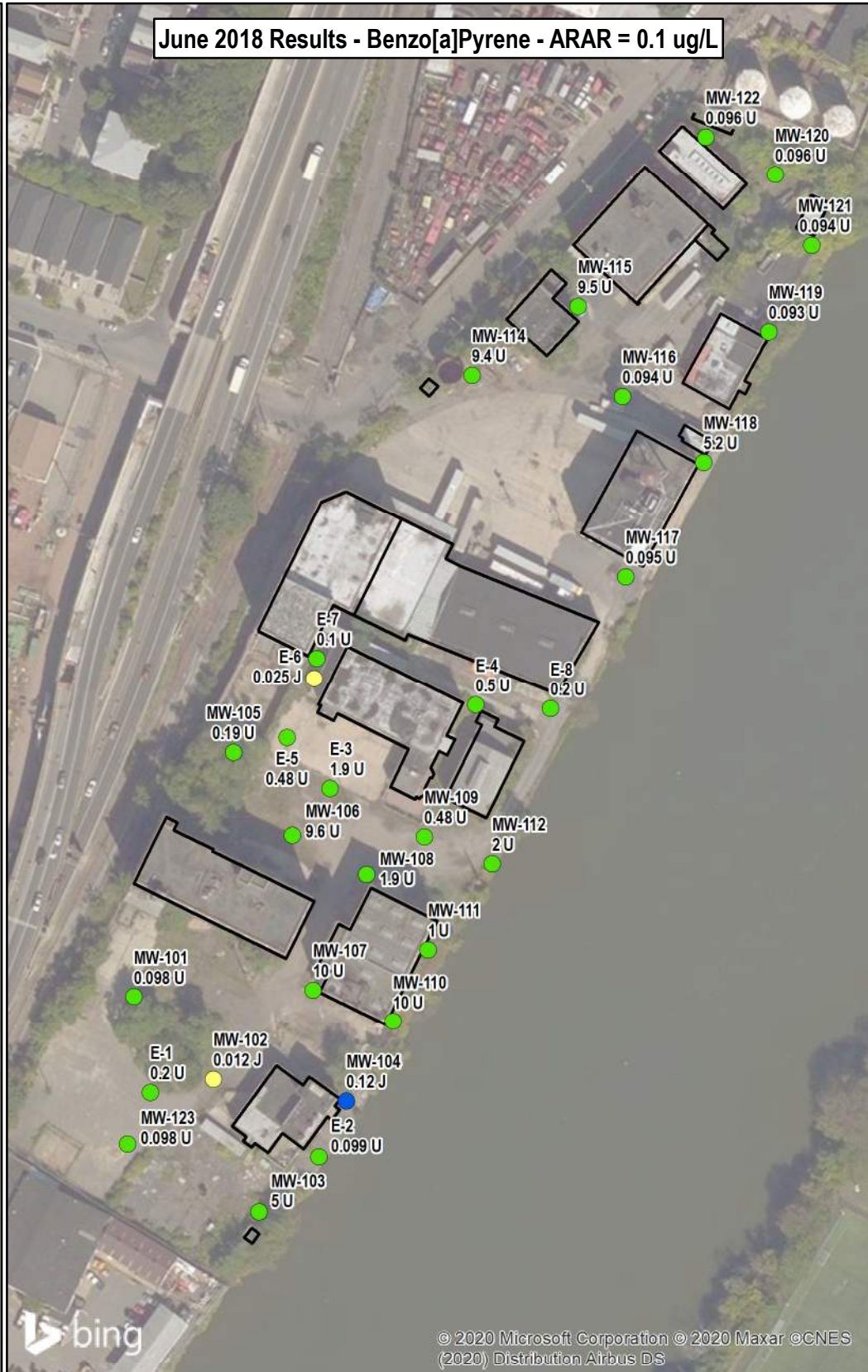
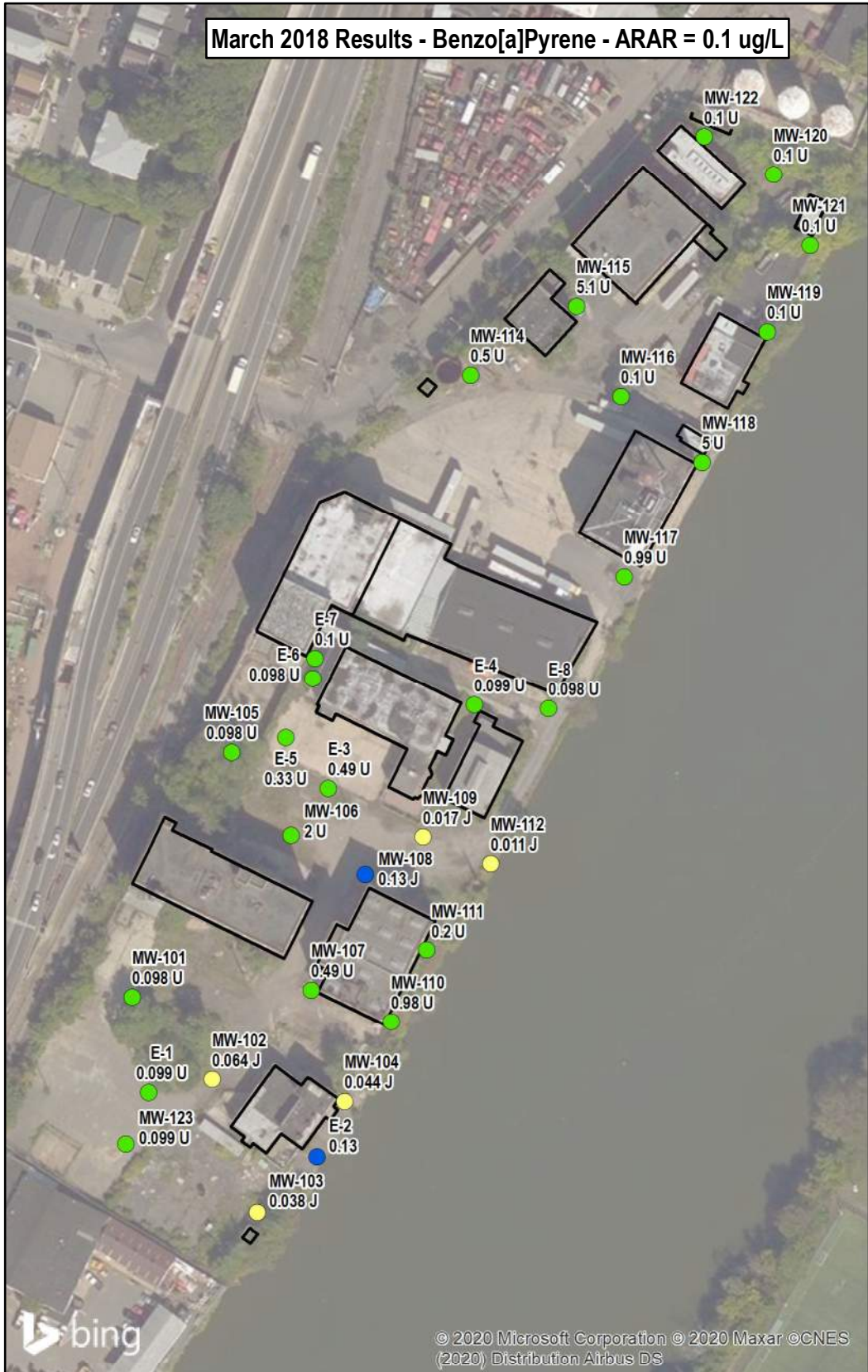


Figure 3-21
Benzo[a]Pyrene
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

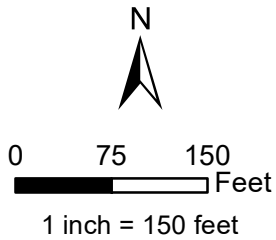
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
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Figure 3-22

Cadmium
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Groundwater Sampling Results
(ug/L)

● Result Not Detected (green)

● Detection Below ARAR

- Detection Exceeds ARAR

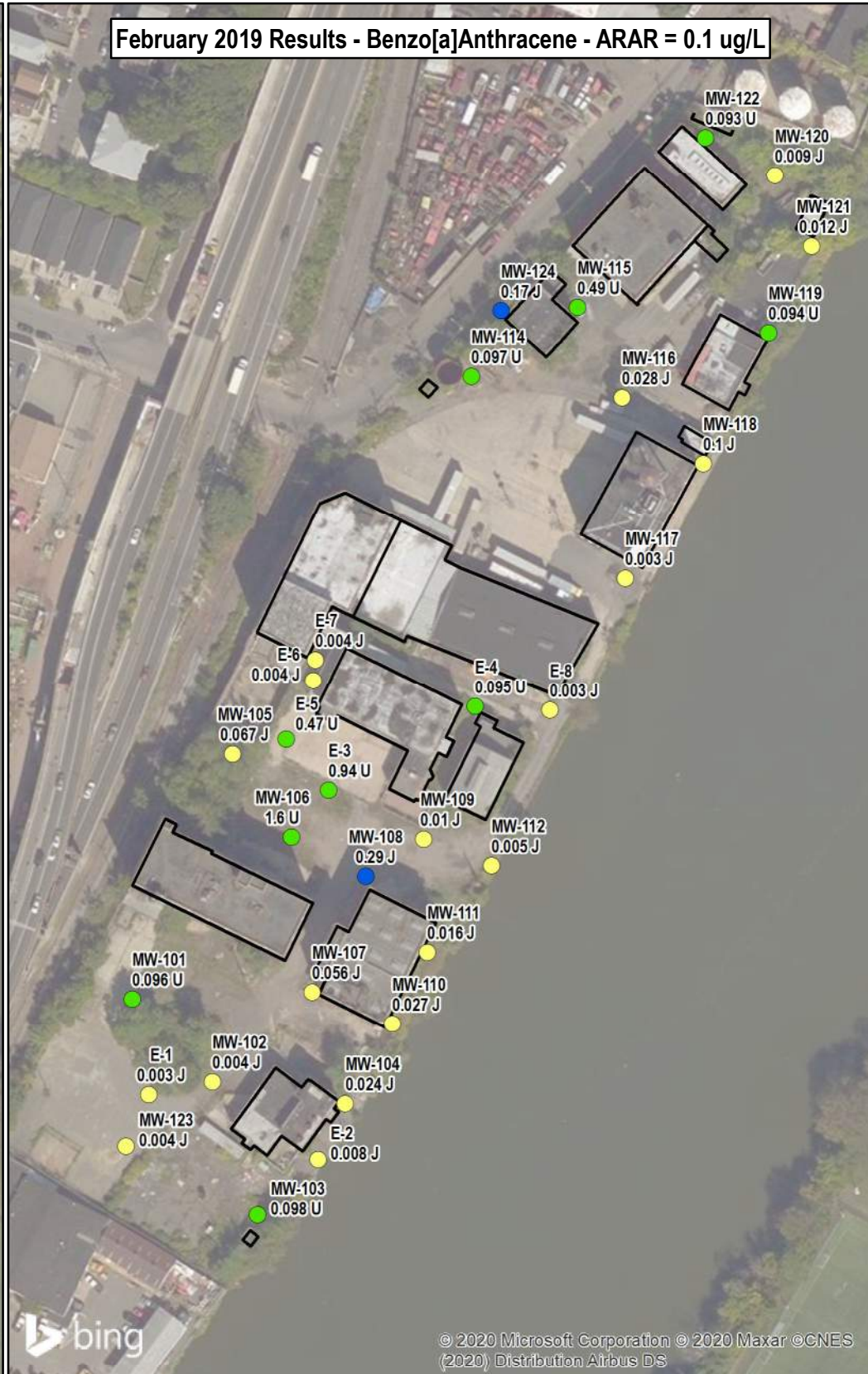
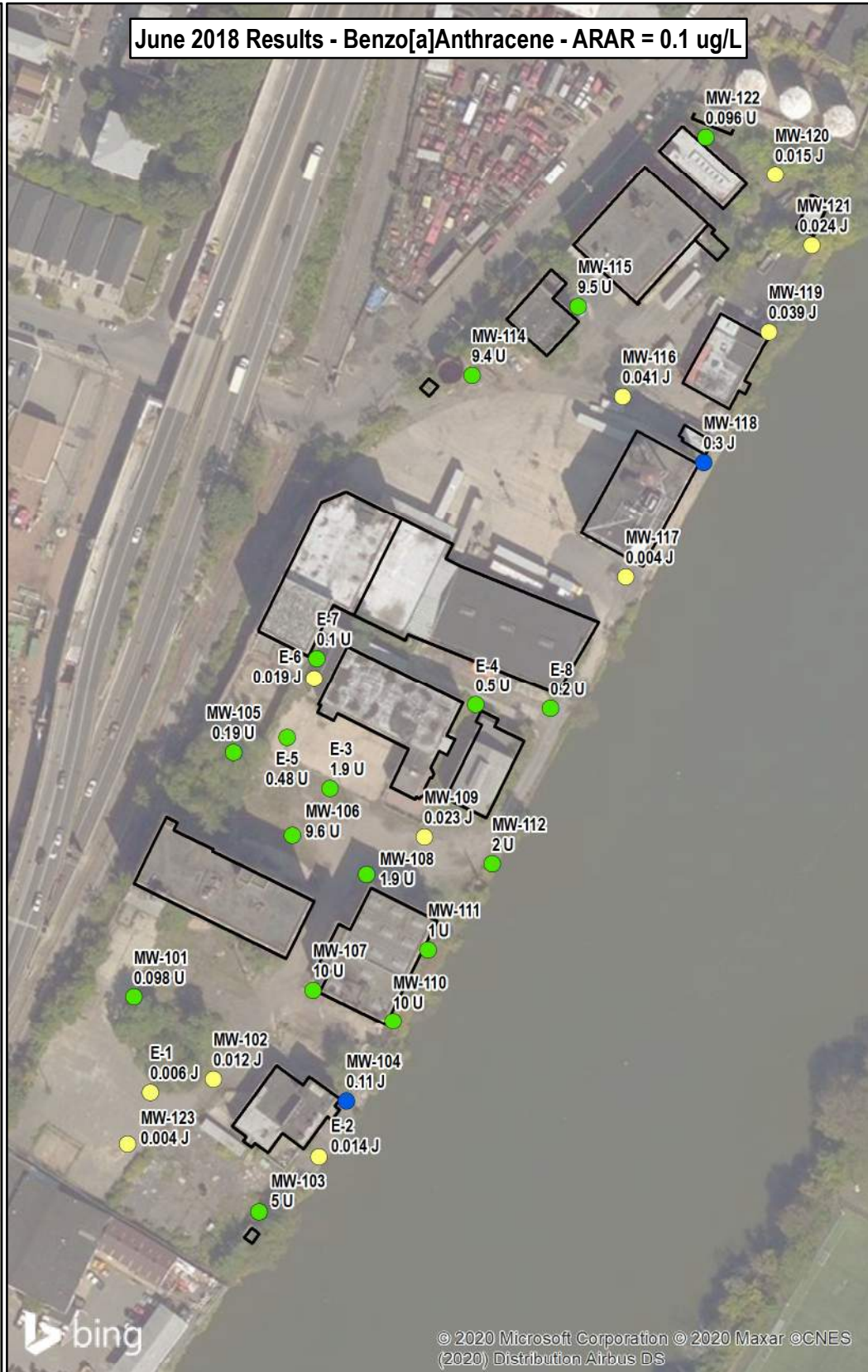
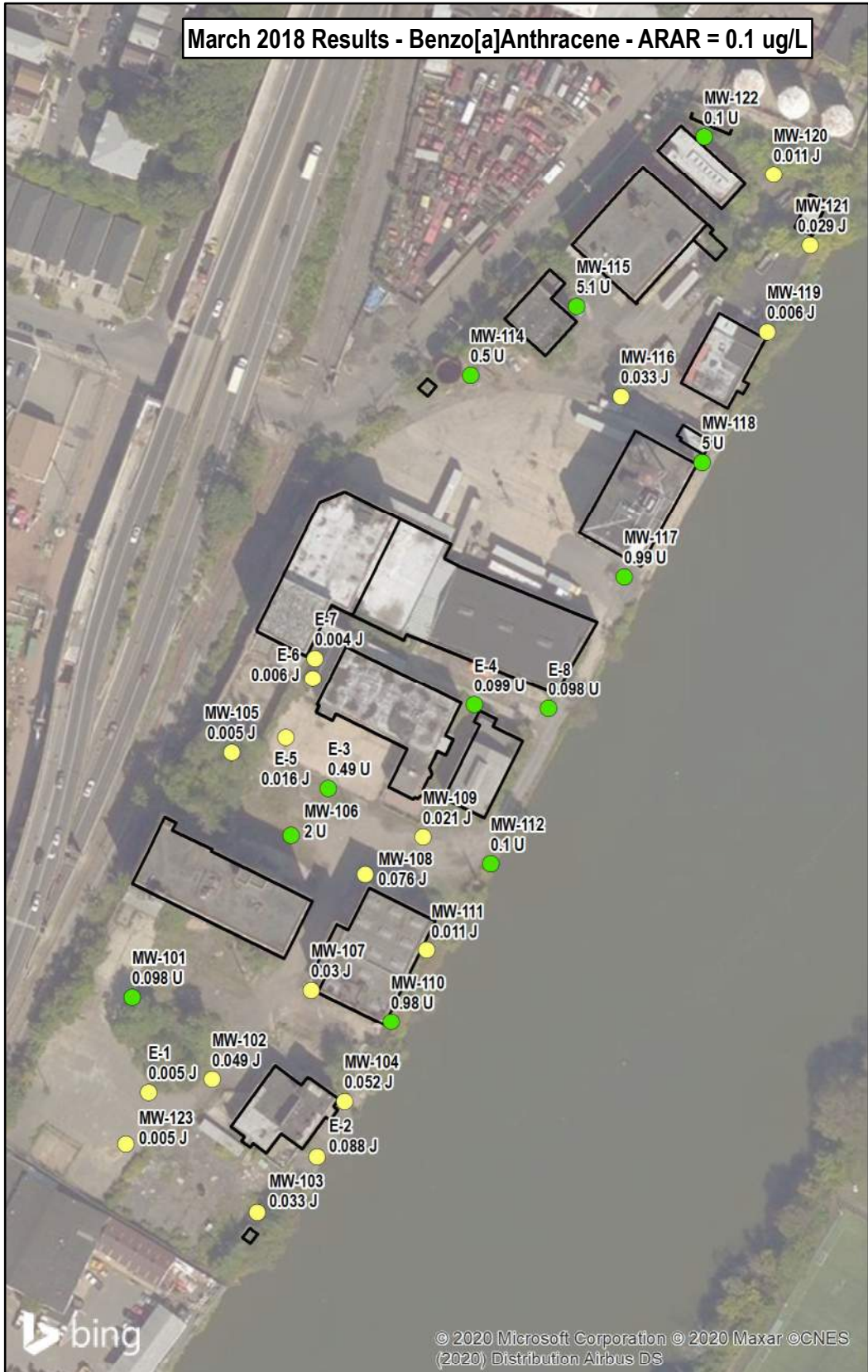
— Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.

Project #: 0013620
Map Created: June 2020

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<p>Figure 3-23</p> <p>Benzo[a]Anthracene Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)● Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>N</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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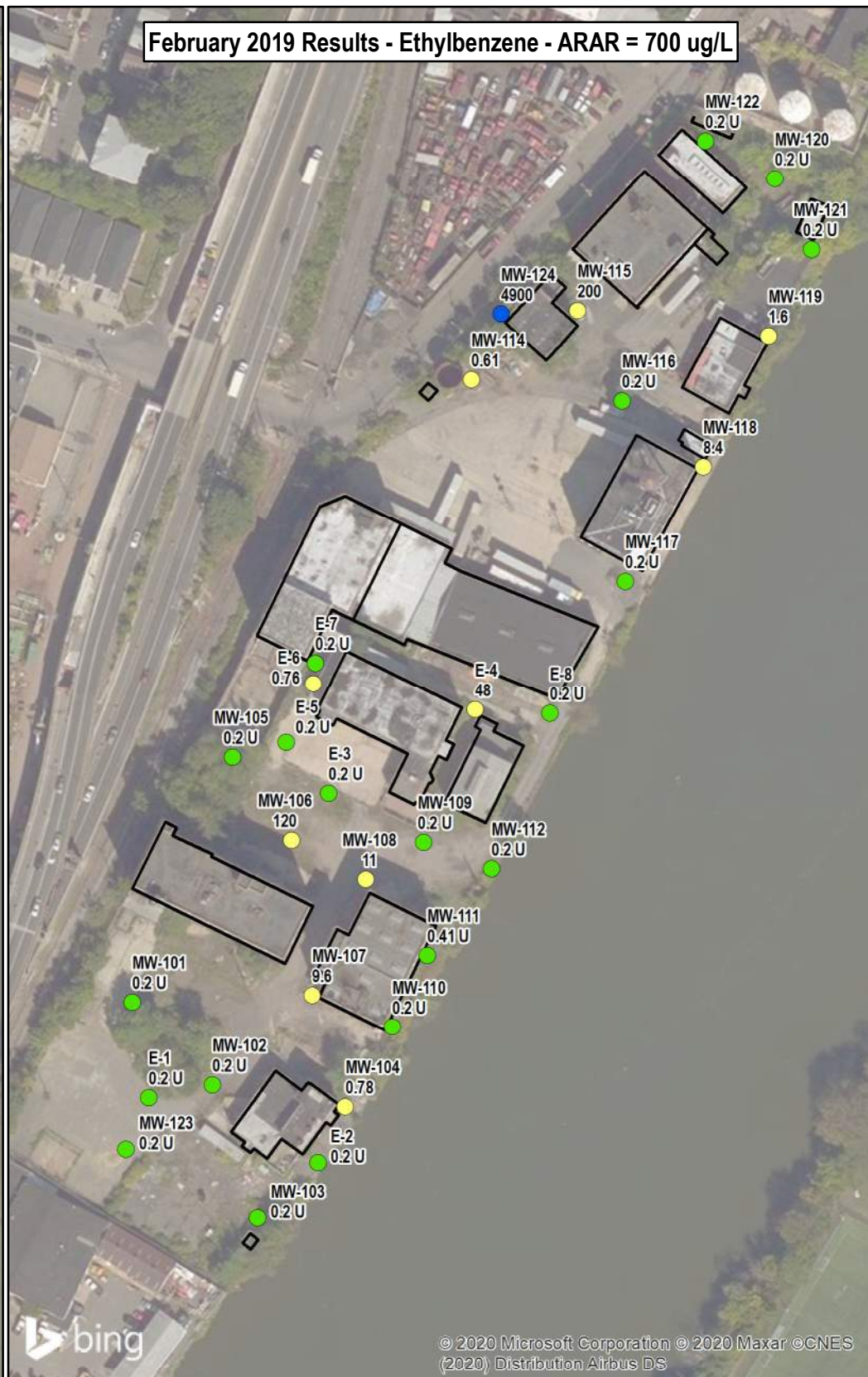
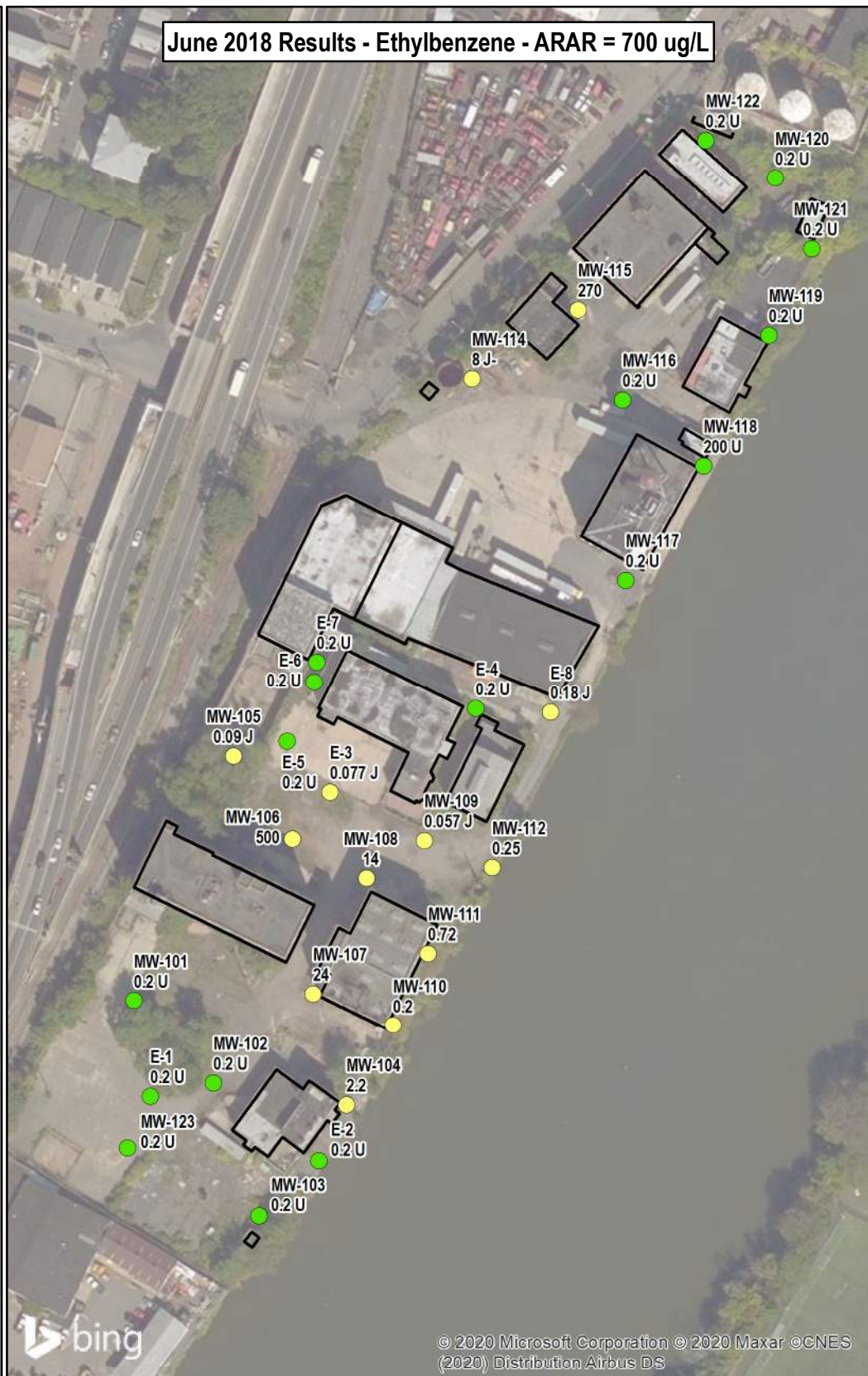
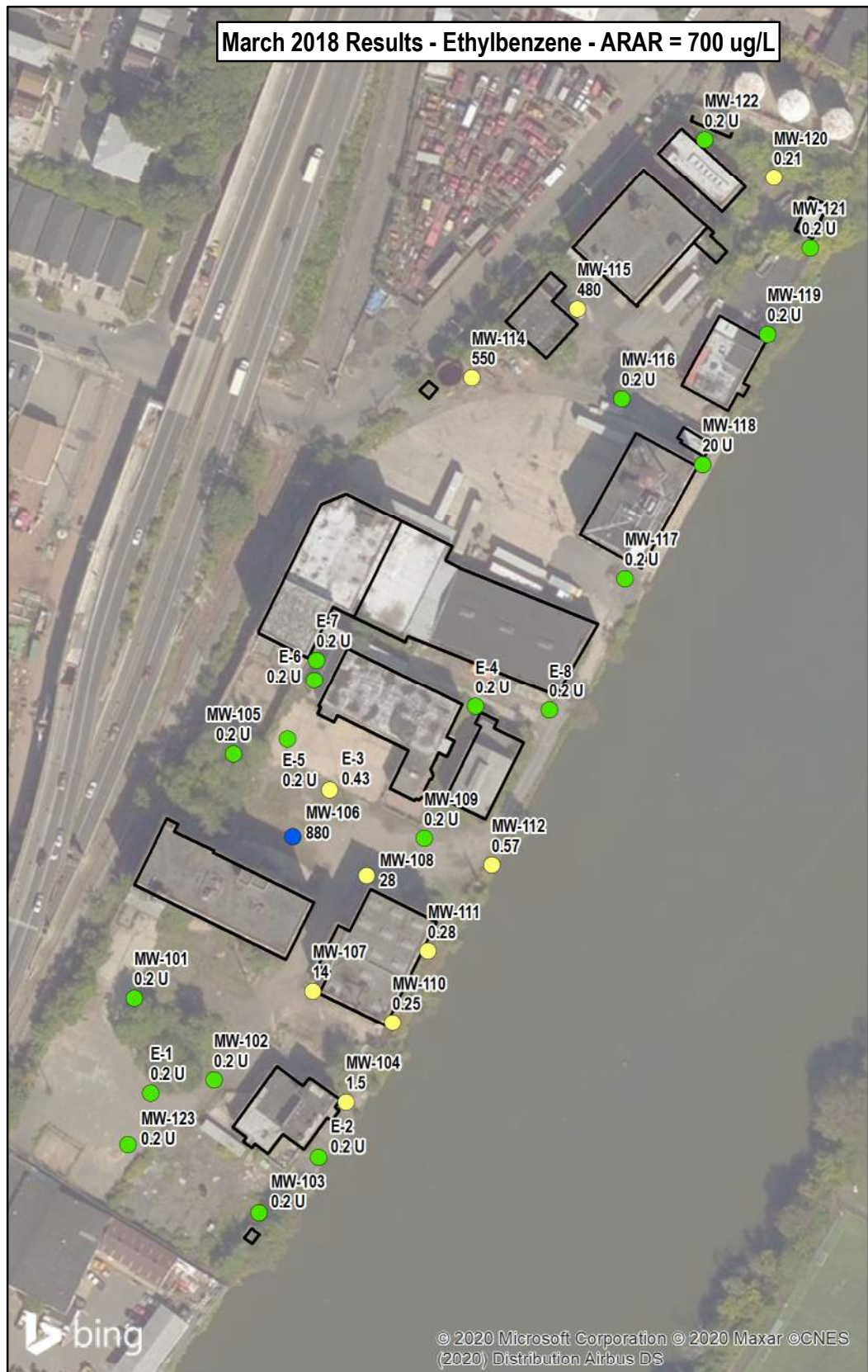


Figure 3-24
Ethylbenzene
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

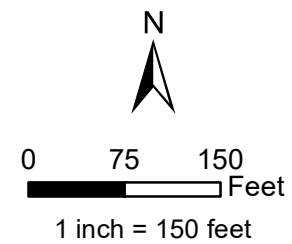
Legend

RIFS Groundwater Sampling Results (ug/L)

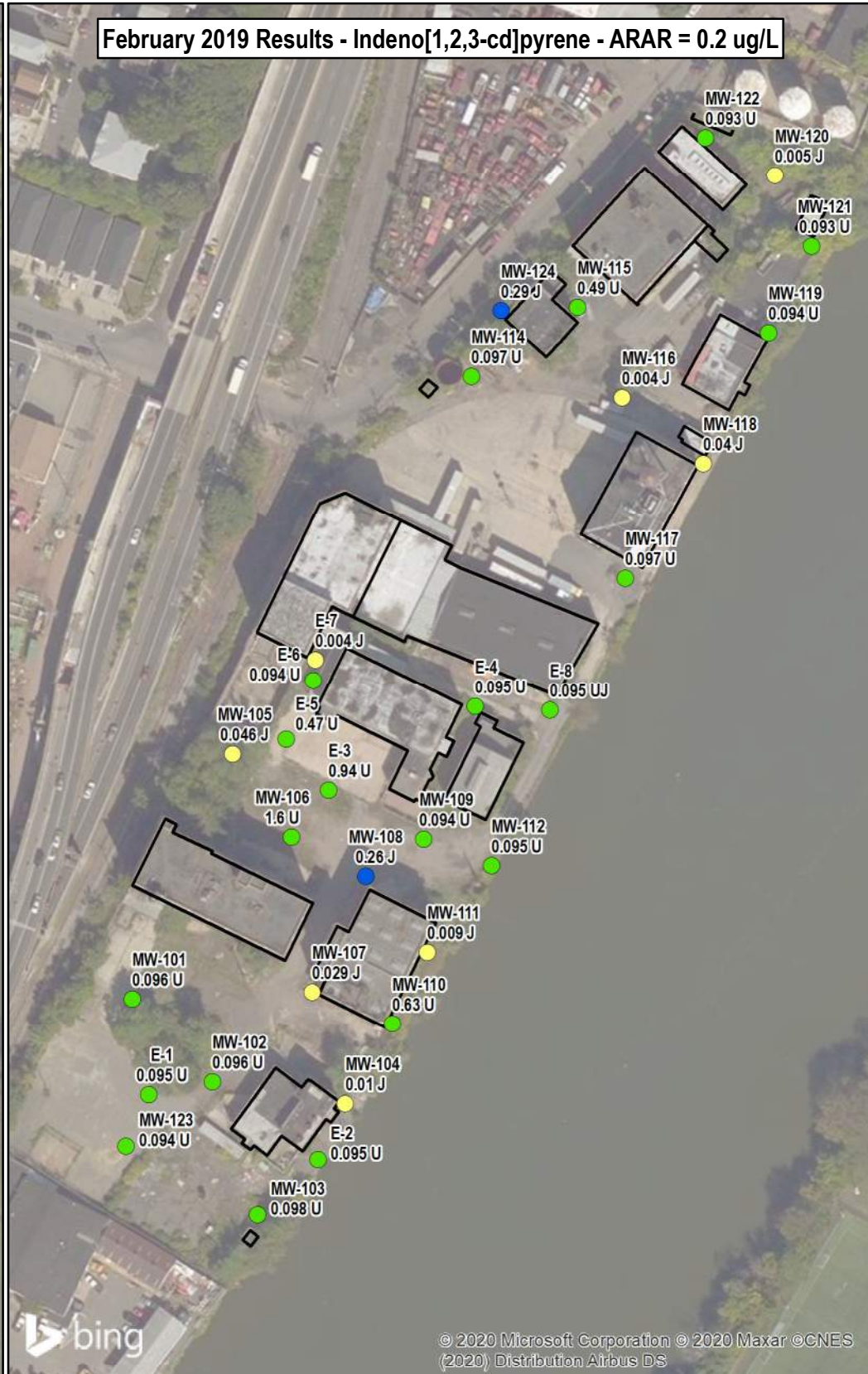
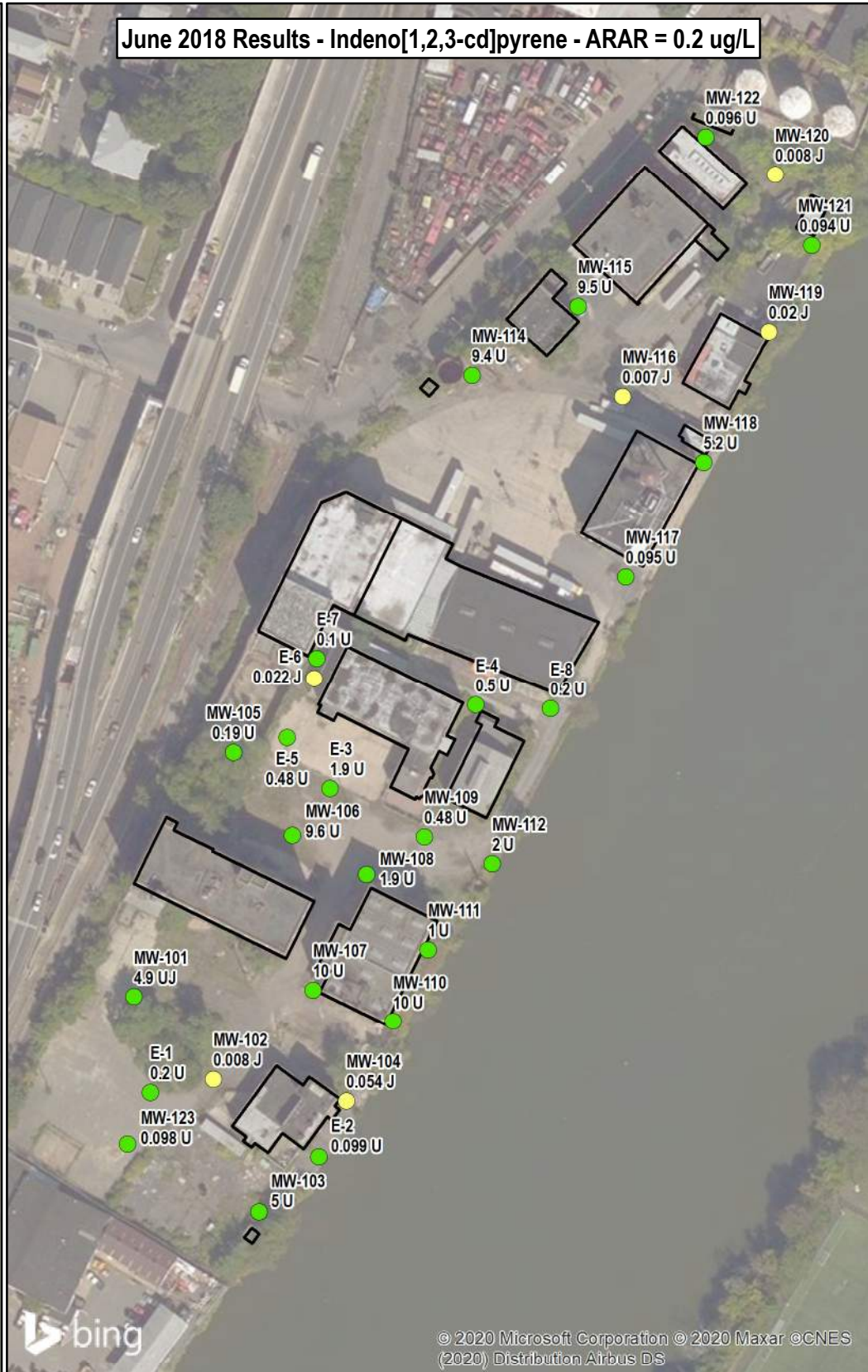
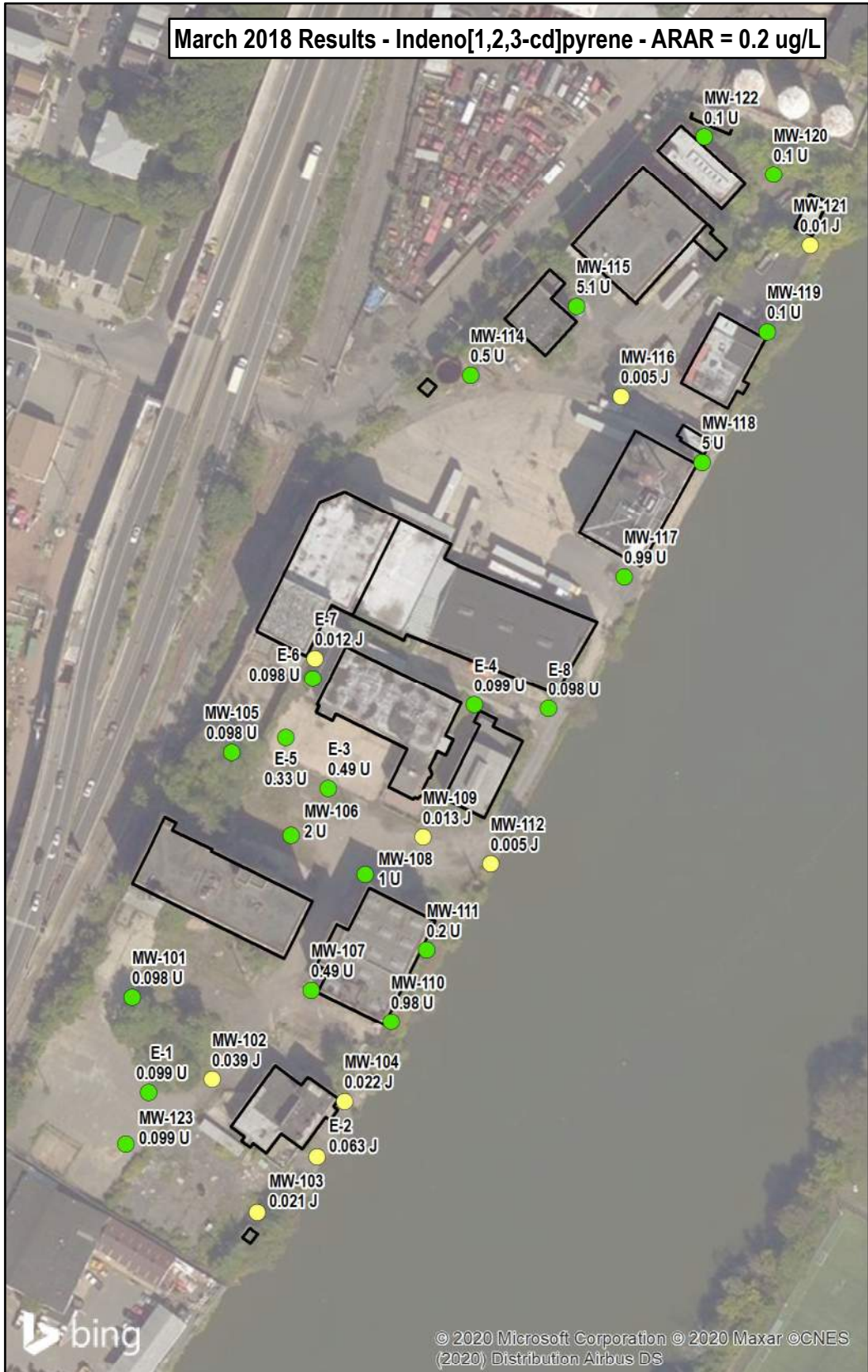
- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)

Notes:

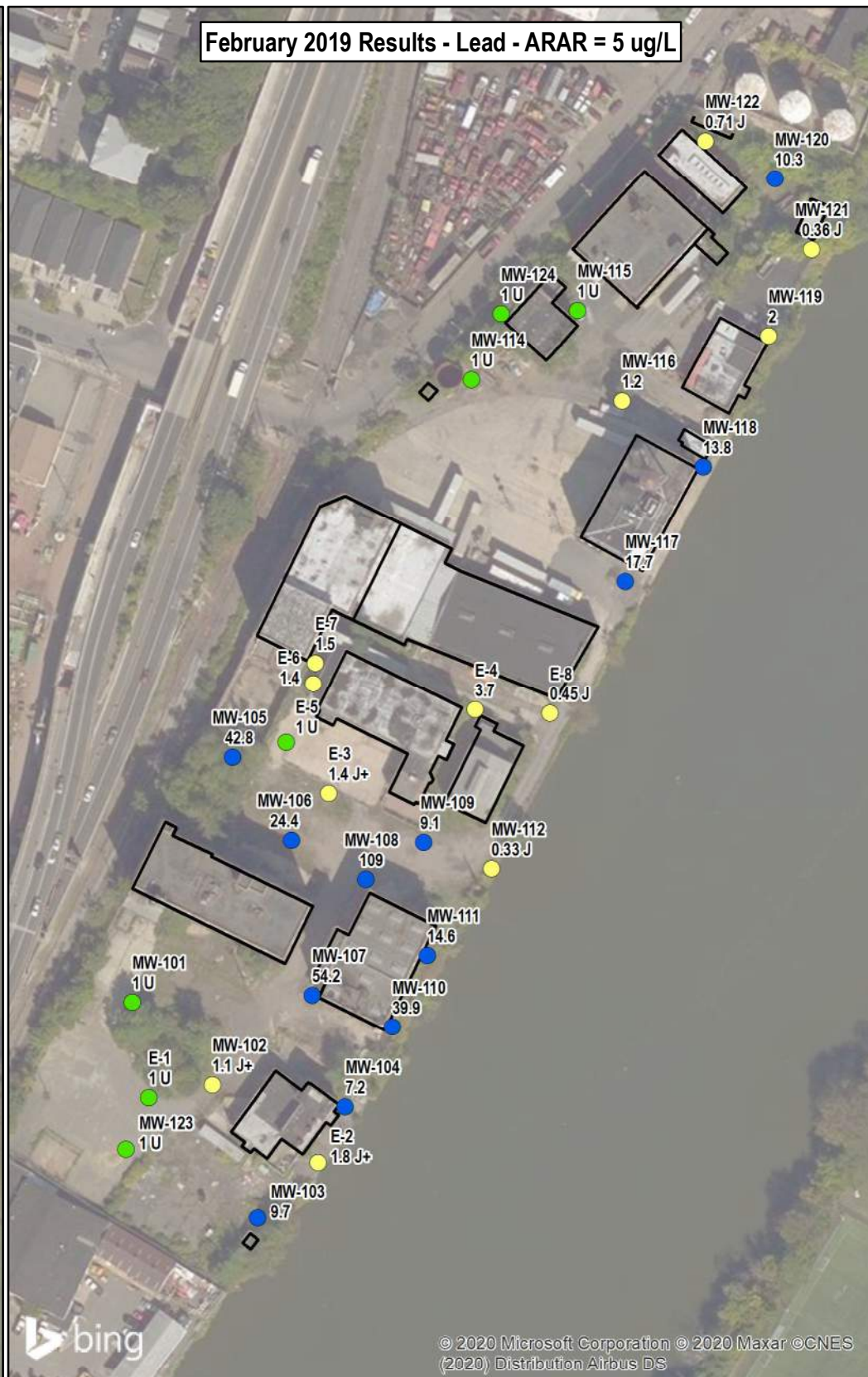
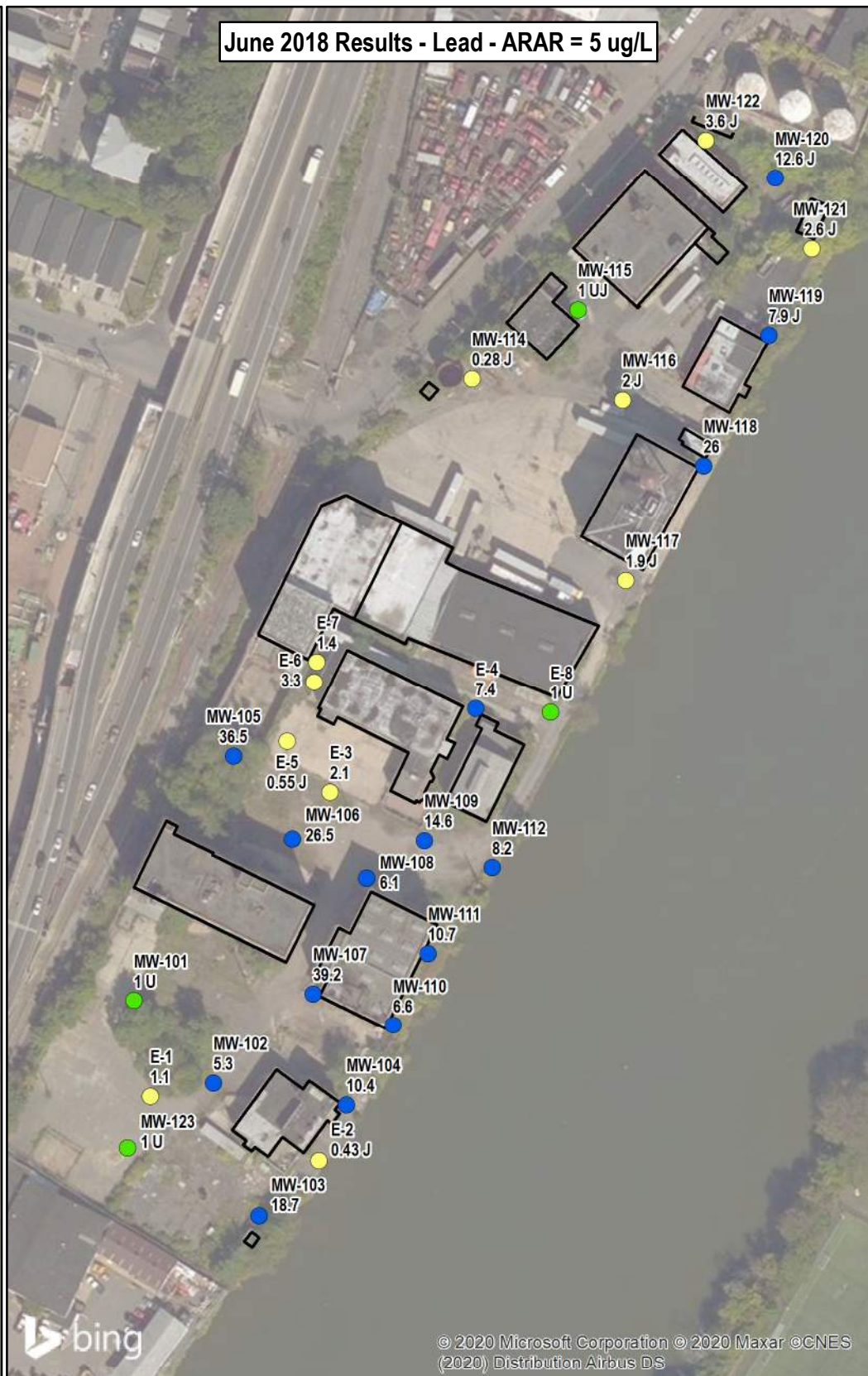
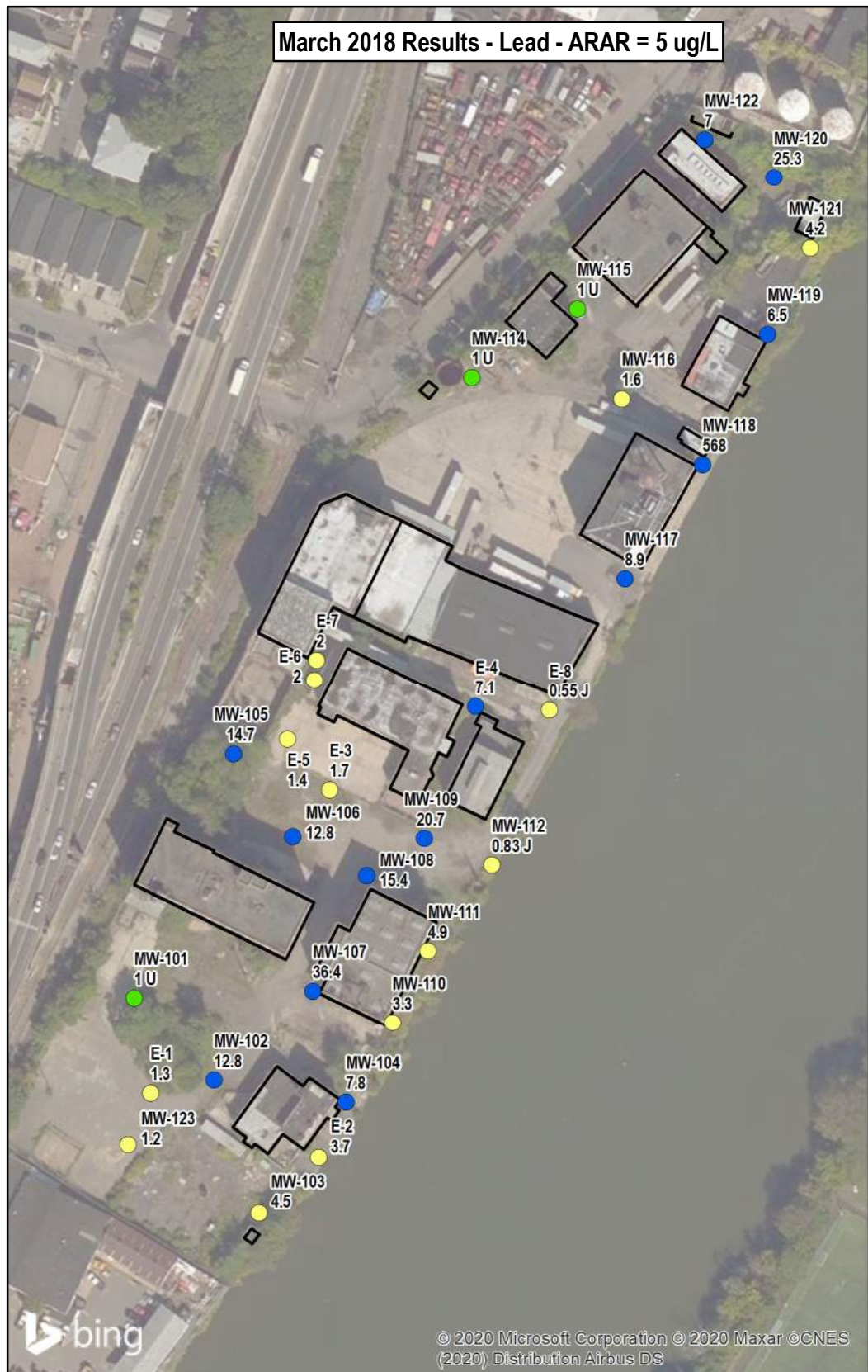
1. See RIR results tables for qualifier definitions.



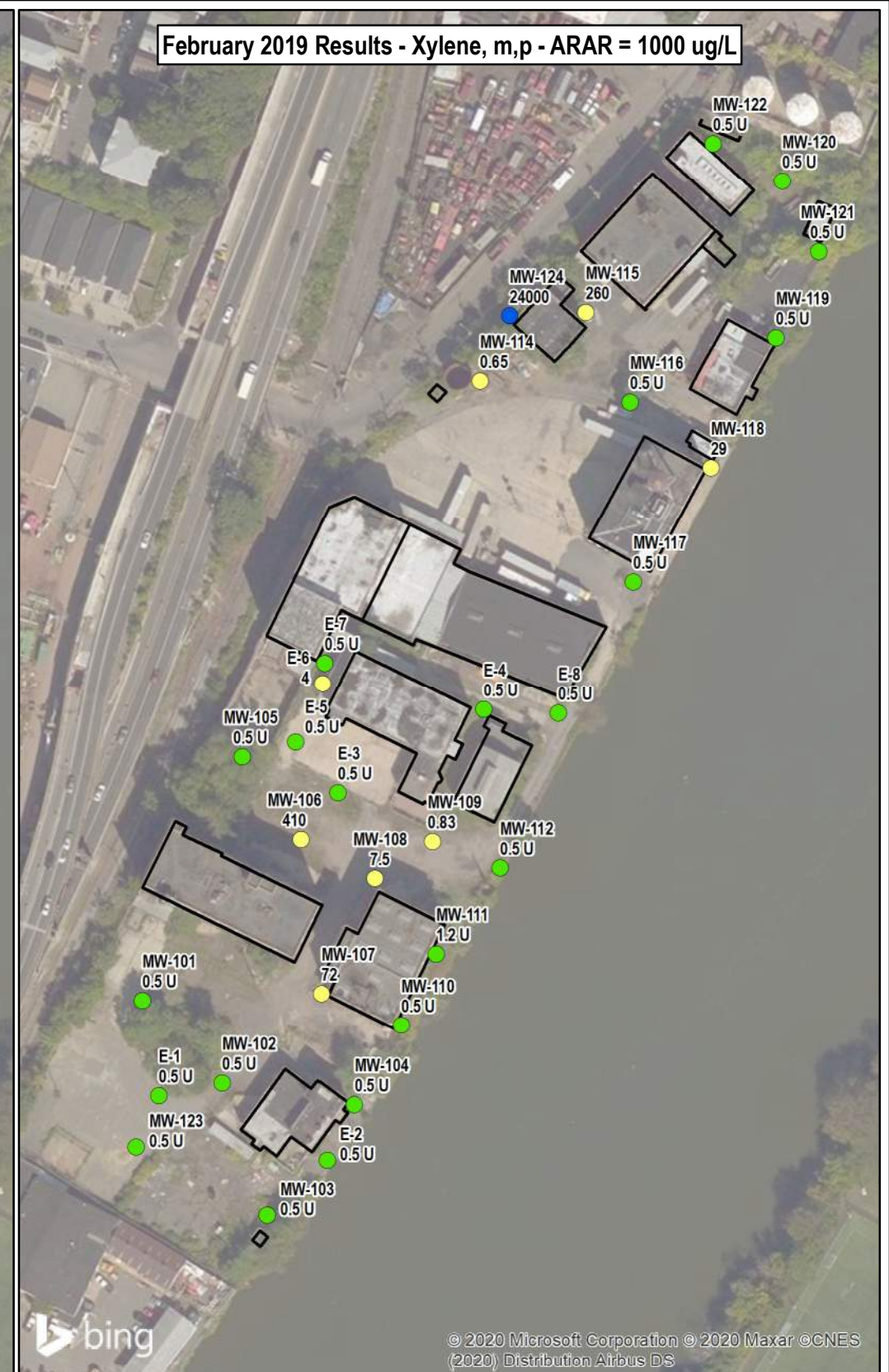
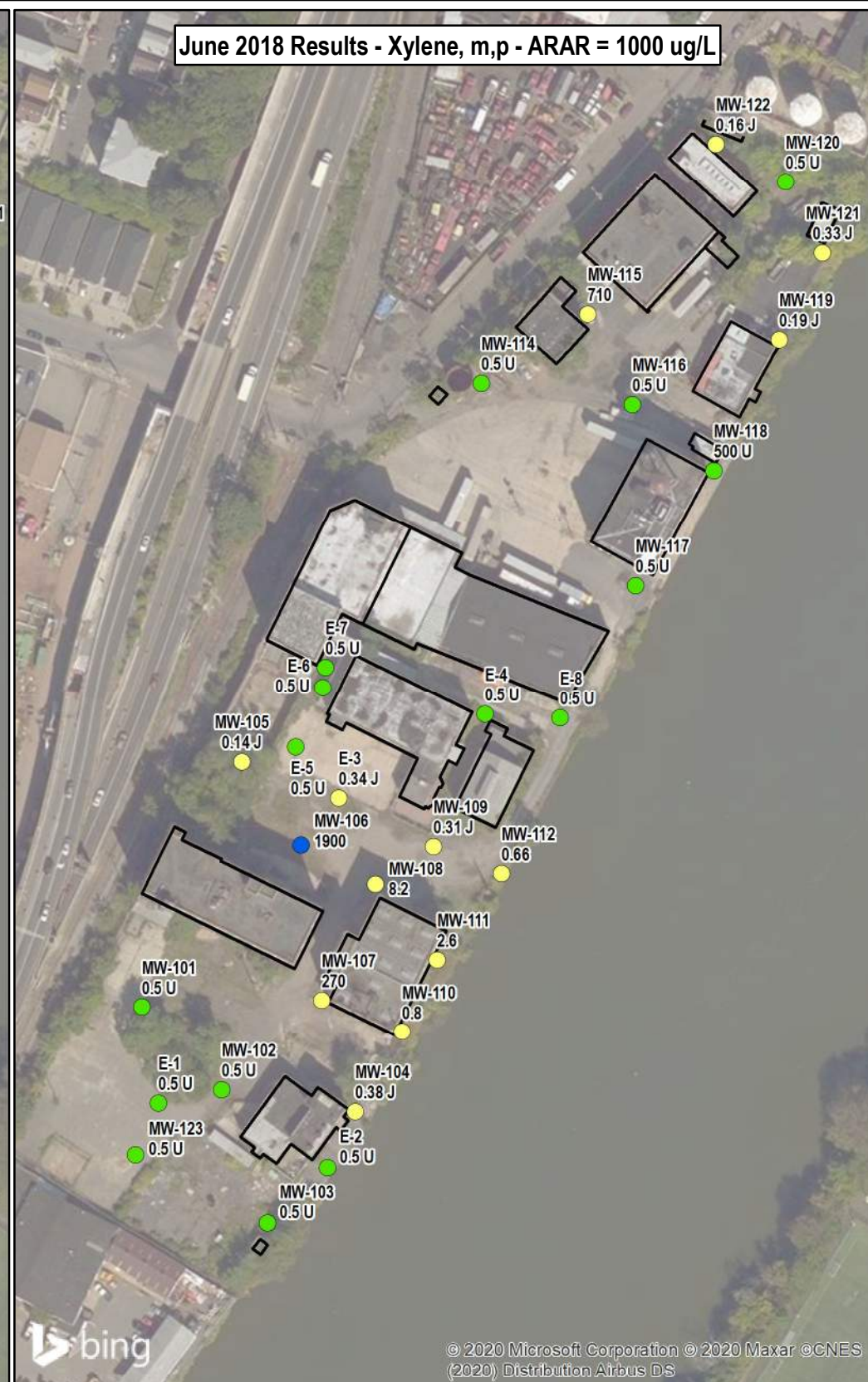
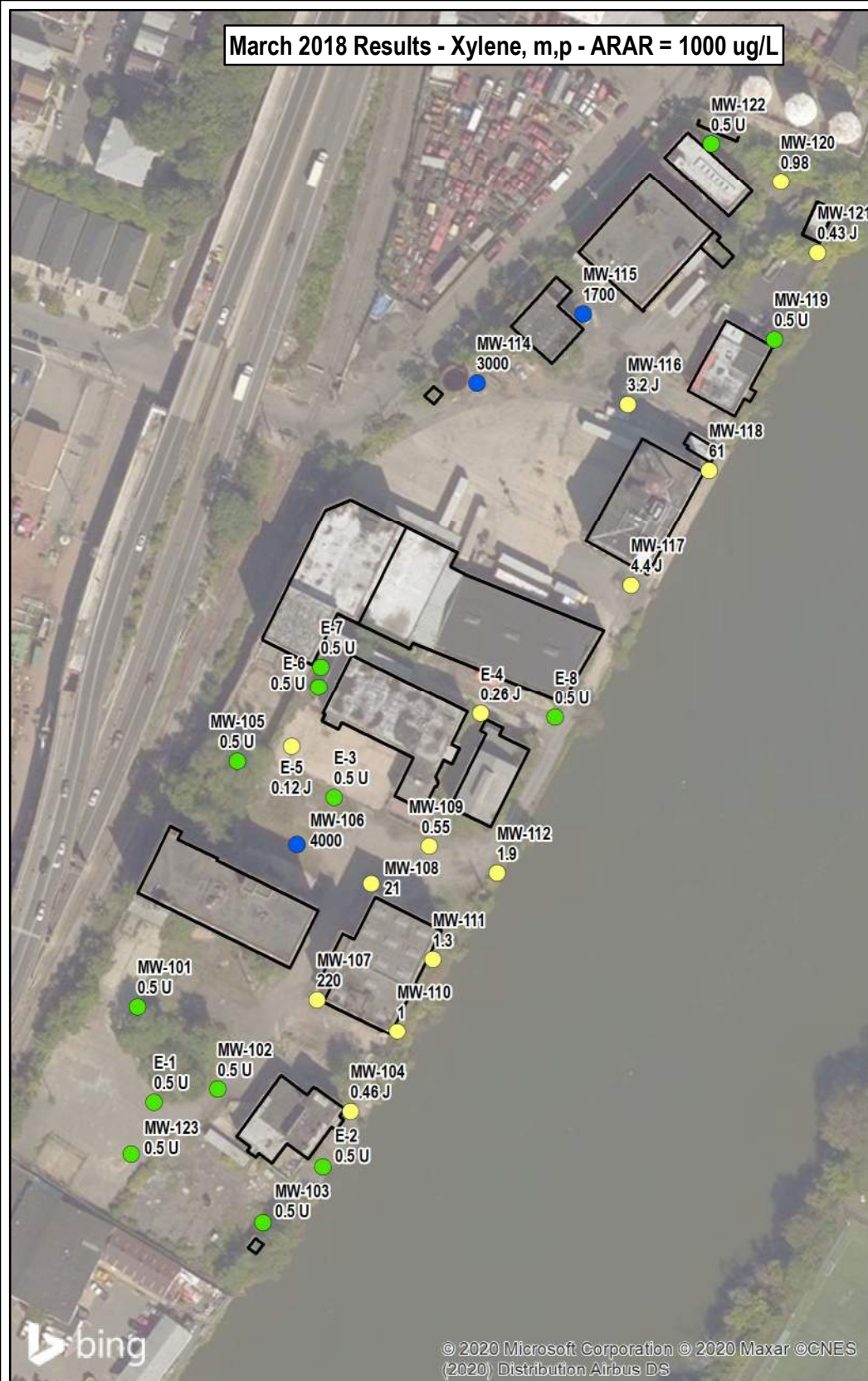
Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.



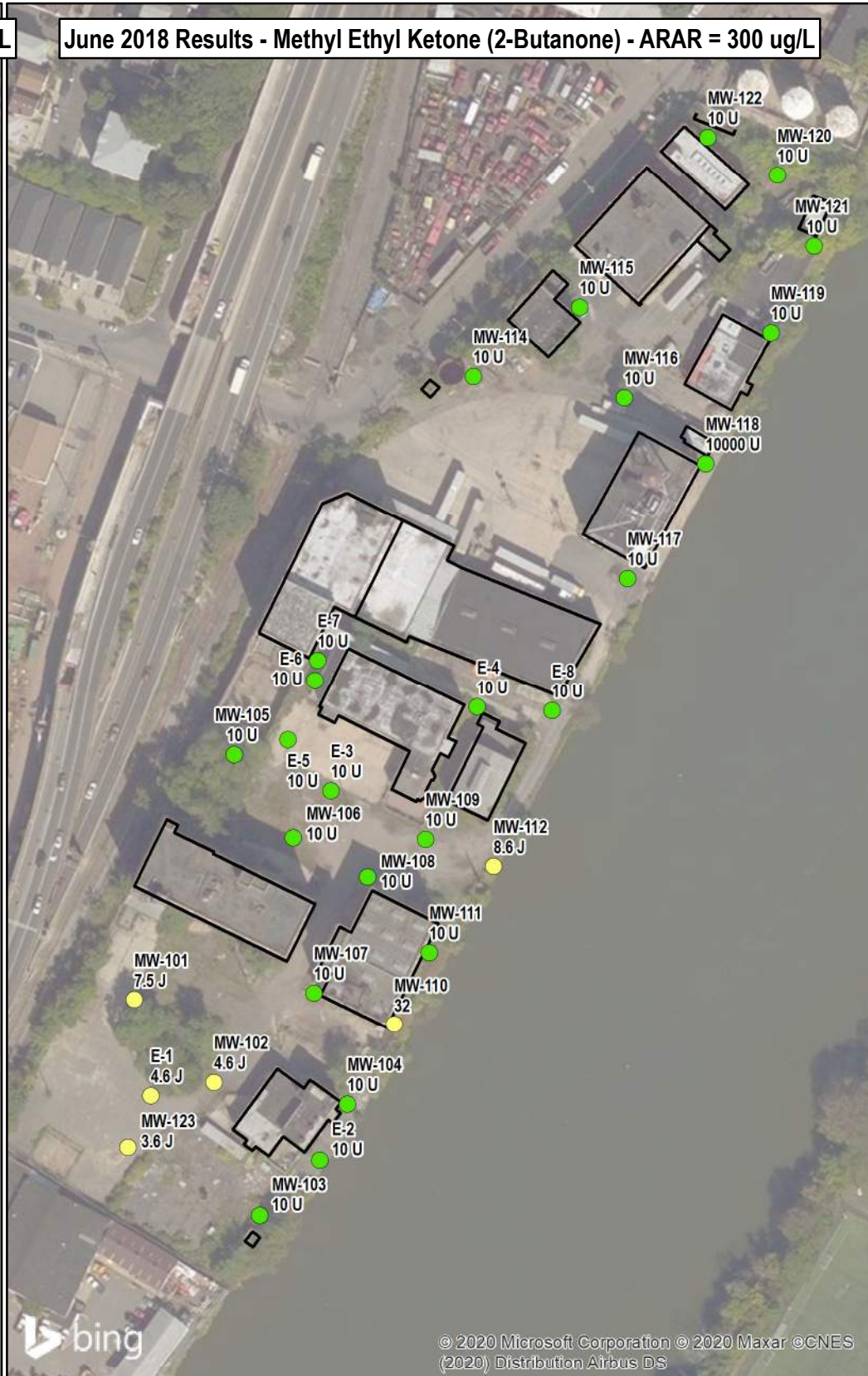
<p>Figure 3-25</p> <p>Indeno[1,2,3-cd]pyrene</p> <p>Groundwater Sampling</p> <p>Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)● Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>N</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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<p>Figure 3-26</p> <p>Lead Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none"> ● Result Not Detected (green) ● Detection Below ARAR (yellow) ● Detection Exceeds ARAR (blue) — Buildings (Survey) 	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>Scale:</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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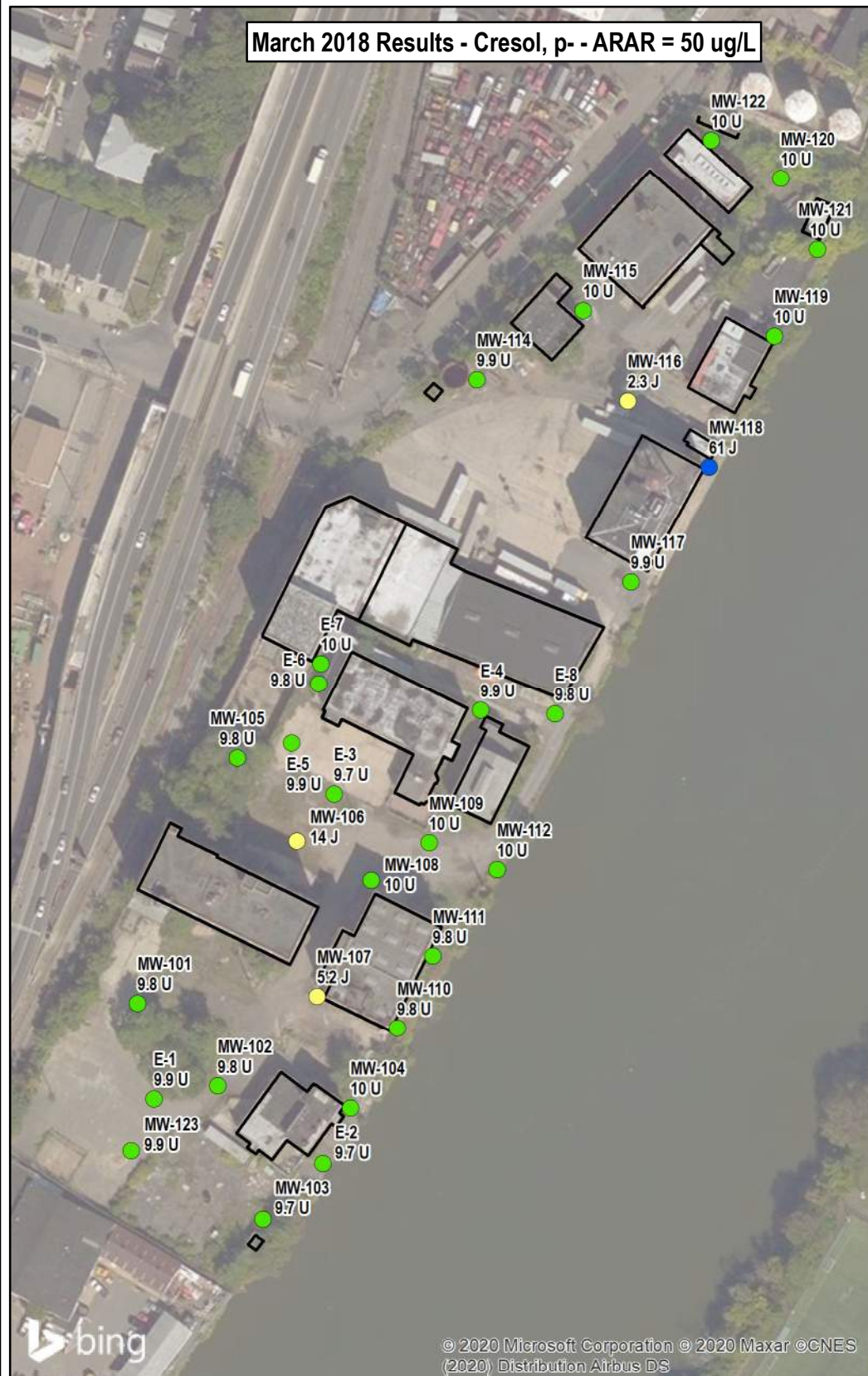


<p>Figure 3-27</p> <p>Xylene, m,p</p> <p>Groundwater Sampling Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none"> ● Result Not Detected (green) ● Detection Below ARAR ● Detection Exceeds ARAR — Buildings (Survey) 	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p style="text-align: center;">N</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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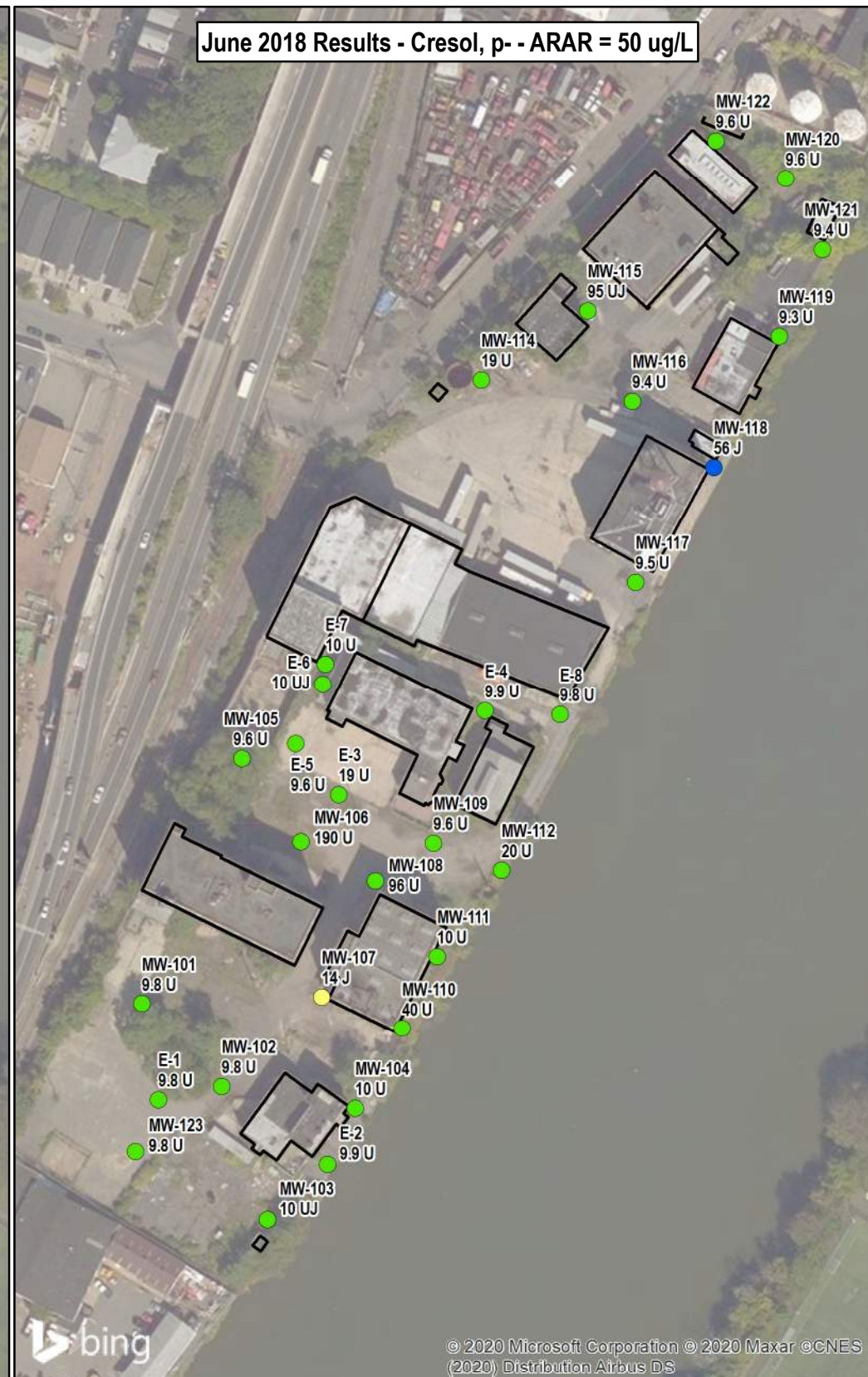


<p>Figure 3-28</p> <p>Methyl Ethyl Ketone (2-Butanone)</p> <p>Groundwater Sampling</p> <p>Results - Fill Unit</p> <p>Riverside Industrial Park Superfund Site 29 Riverside Avenue City of Newark, New Jersey</p>	<p>Legend</p> <p>RIFS Groundwater Sampling Results (ug/L)</p> <ul style="list-style-type: none">● Result Not Detected (green)● Detection Below ARAR● Detection Exceeds ARAR— Buildings (Survey)	<p>Notes:</p> <p>1. See RIR results tables for qualifier definitions.</p>	<p>N</p> <p>0 75 150 Feet</p> <p>1 inch = 150 feet</p>	<p>Project #: 0013620 Map Created: June 2020</p> <p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.</p>
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March 2018 Results - Cresol, p- - ARAR = 50 ug/L



June 2018 Results - Cresol, p- - ARAR = 50 ug/L



February 2019 Results - Cresol, p- - ARAR = 50 ug/L

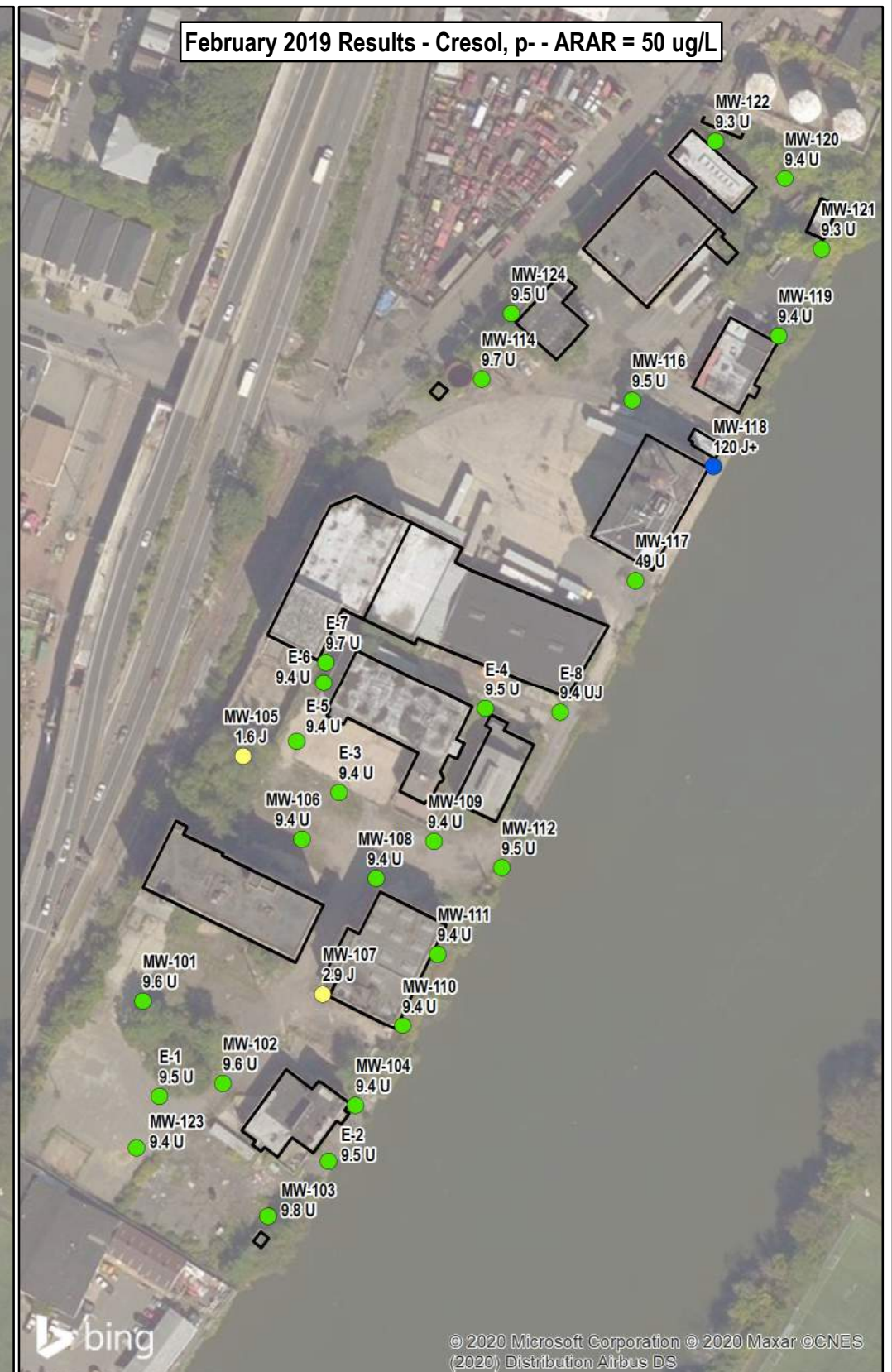


Figure 3-29
Cresol, p-
Groundwater Sampling
Results - Fill Unit

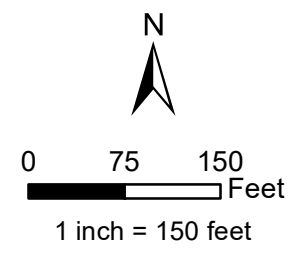
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020
Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.

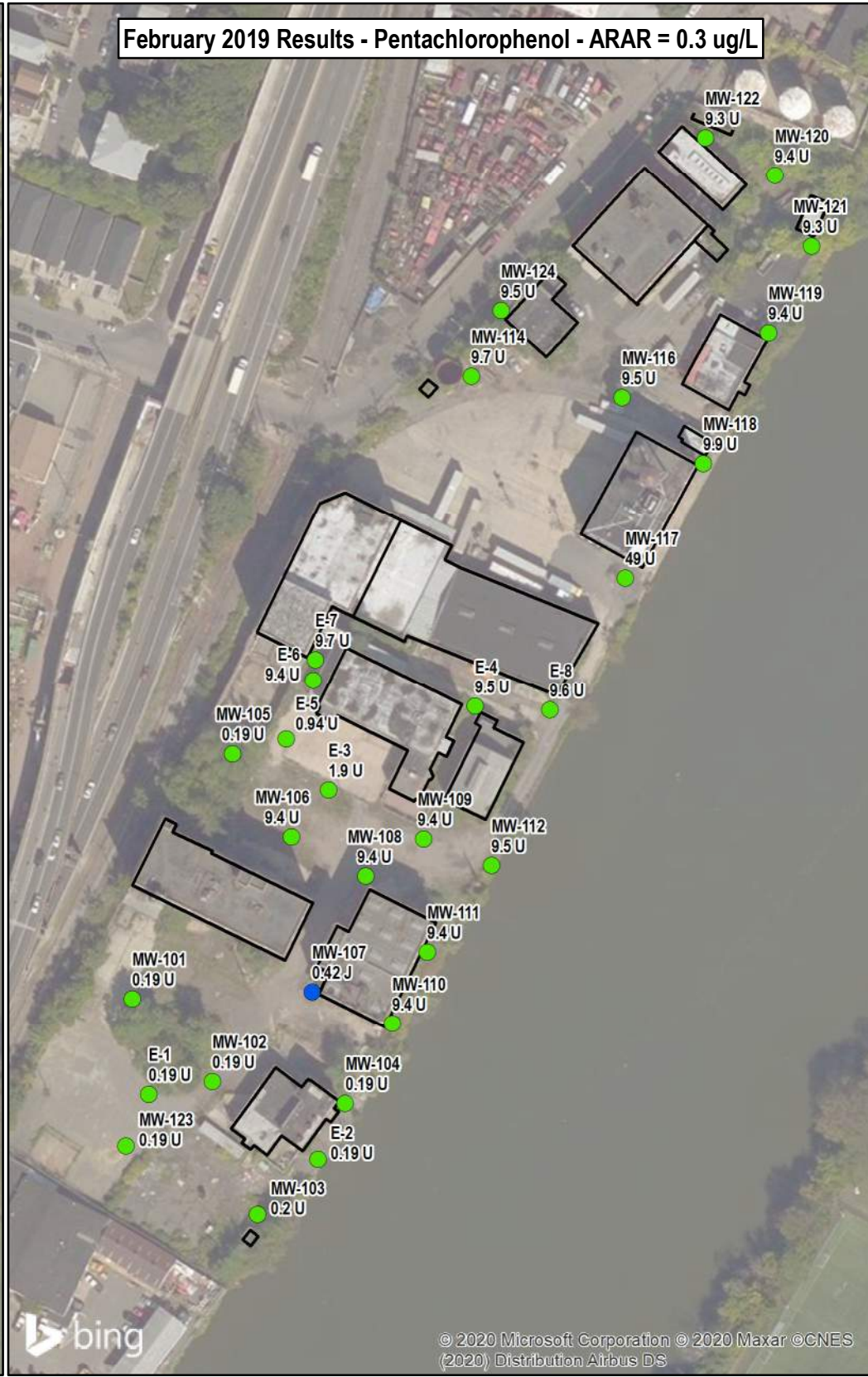
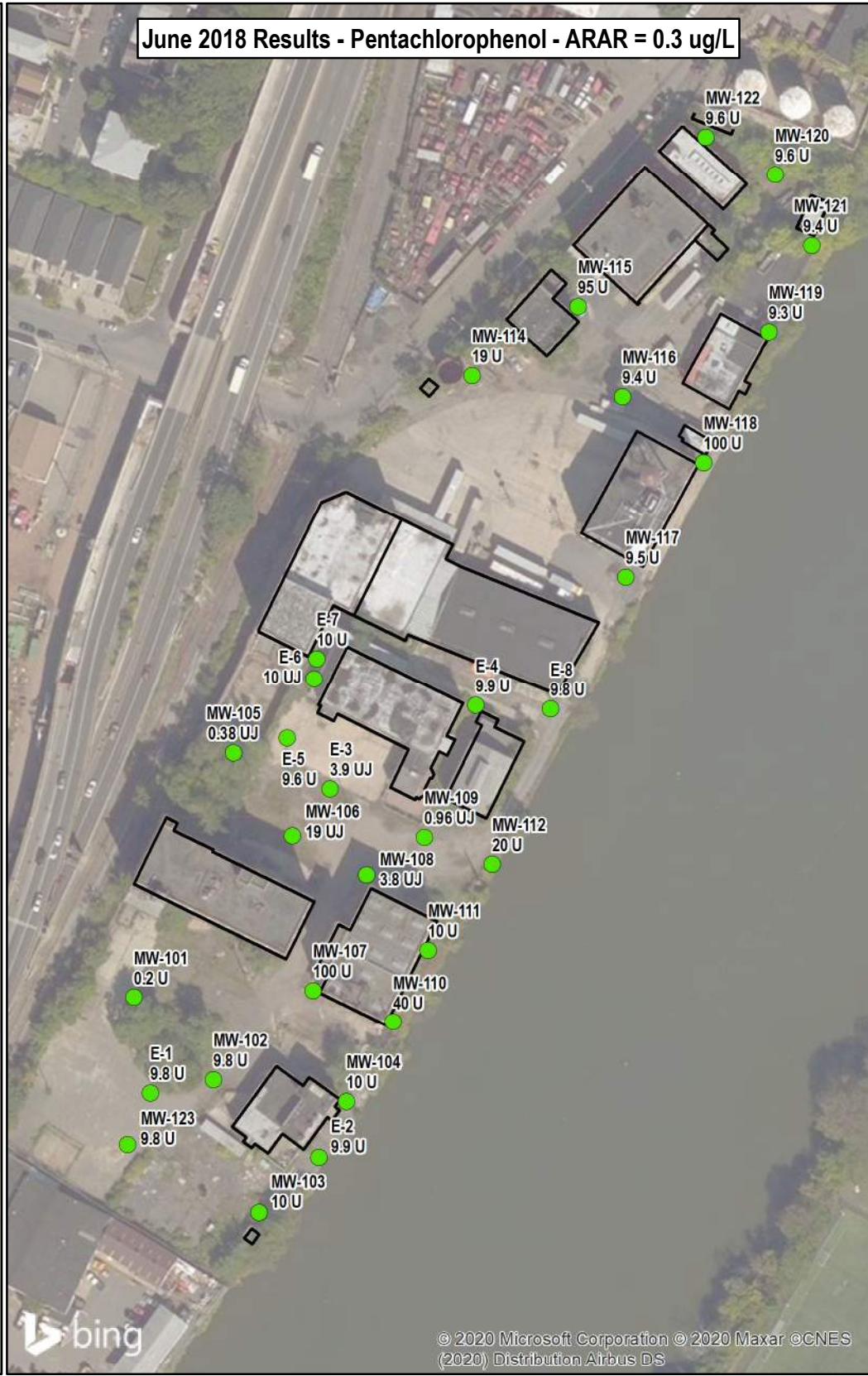


Figure 3-30
Pentachlorophenol
Groundwater Sampling
Results - Fill Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

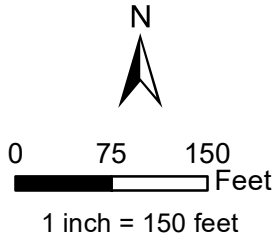
Legend

RIFS Groundwater Sampling Results
(ug/L)

- Result Not Detected (green)
- Detection Below ARAR
- Detection Exceeds ARAR
- Buildings (Survey)

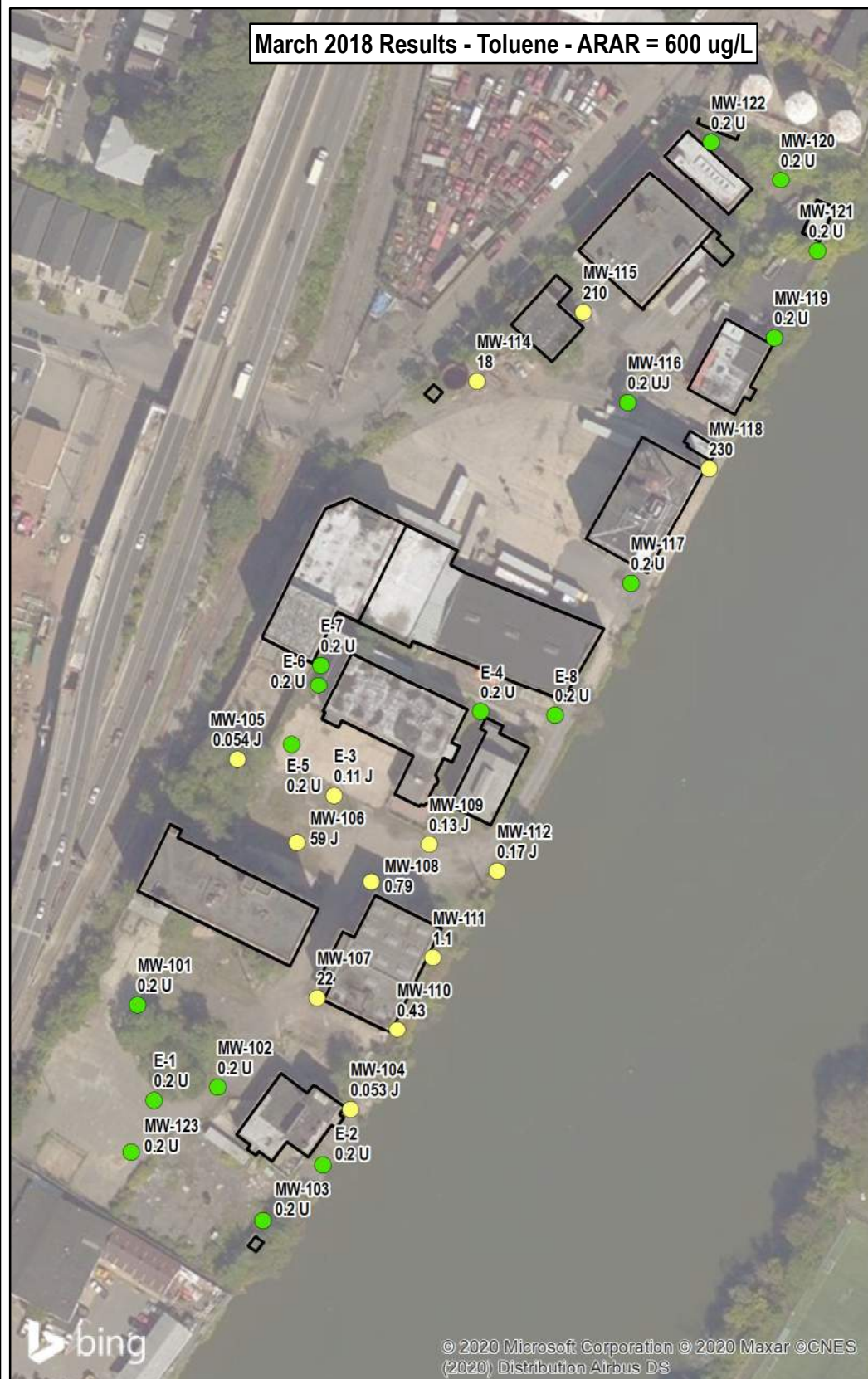
Notes:

1. See RIR results tables for qualifier definitions.

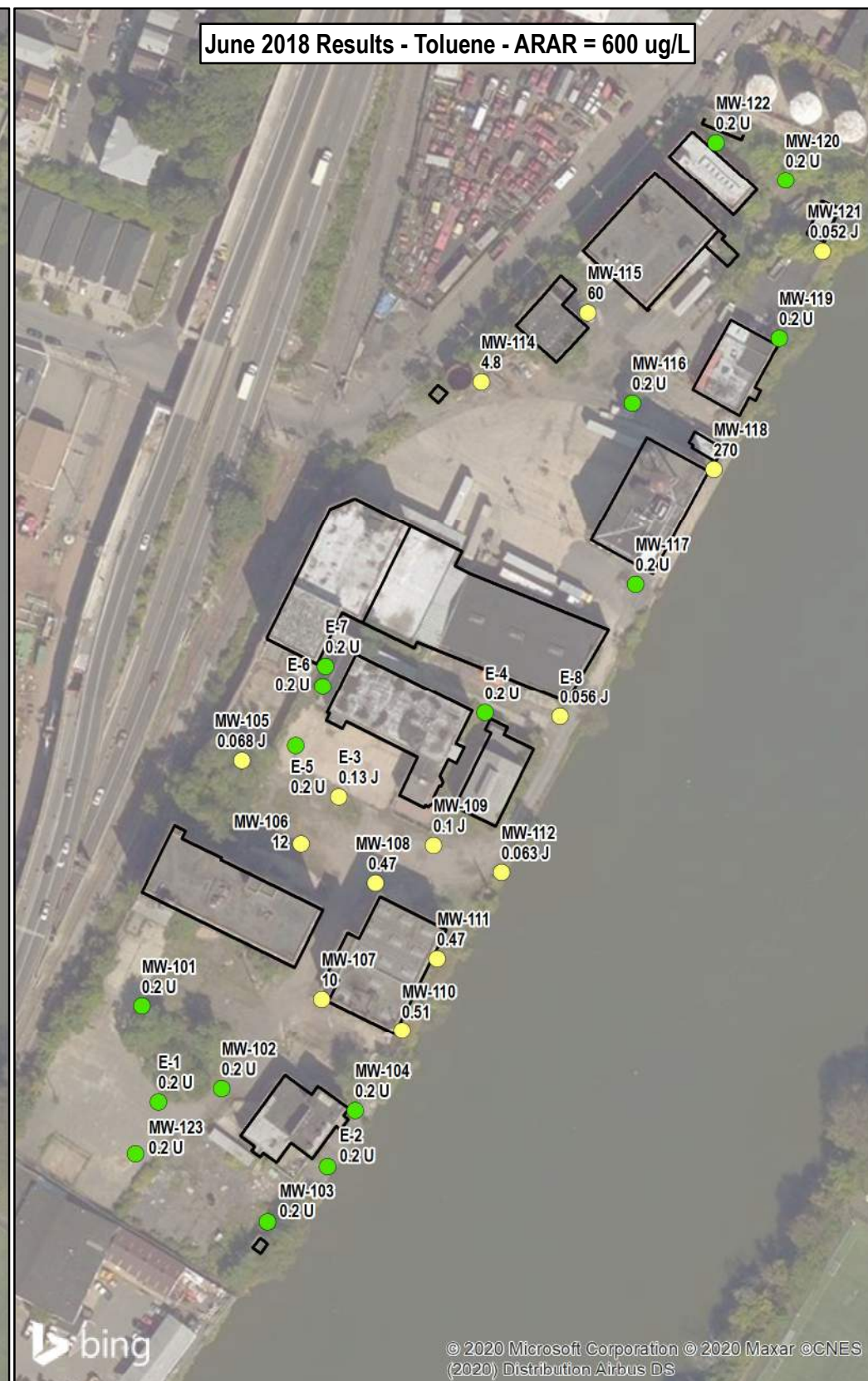


Project #: 0013620
Map Created: June 2020
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March 2018 Results - Toluene - ARAR = 600 ug/L



June 2018 Results - Toluene - ARAR = 600 ug/L



February 2019 Results - Toluene - ARAR = 600 ug/L

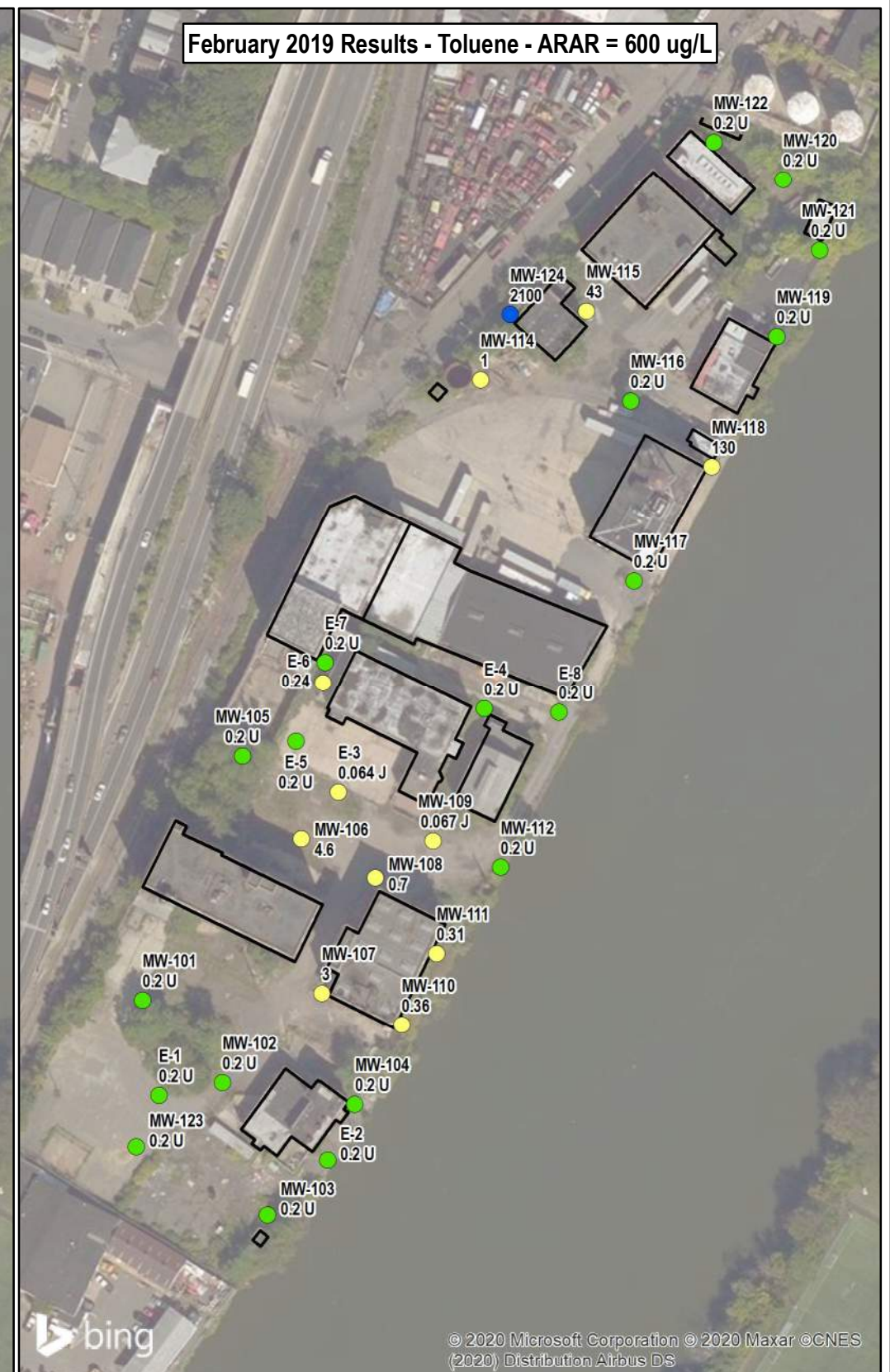


Figure 3-31

**Toluene
Groundwater Sampling
Results - Fill Unit**

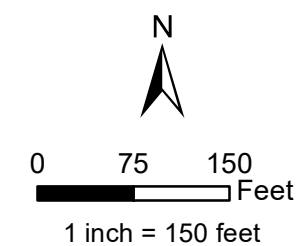
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

- RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



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February 2019 Results - Trichloroethane, 1,1,2 - ARAR = 3 ug/l



February 2019 Results - Benzo[a]anthracene - ARAR = 0.1 ug/l

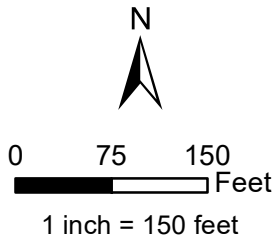


Figure 3-32
Groundwater Sampling Results
1,1,2-Trichloroethane and
Benzo[a]anthracene
Deep Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

- Legend**
RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR (yellow)
 - Detection Exceeds ARAR (blue)
 - Buildings (Survey)

Notes:
1. See RIR results tables for qualifier definitions.



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Figure 3-33
Groundwater Sampling Results
Tetrachloroethane, 1,1,2,2,
and Tetrachloroethylene
Deep Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

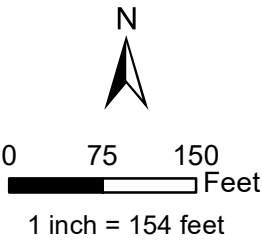
Legend

RIFS Groundwater Sampling Results (ug/L)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)

Notes:

1. See RIR results tables for qualifier definitions.



Project #: 0013620
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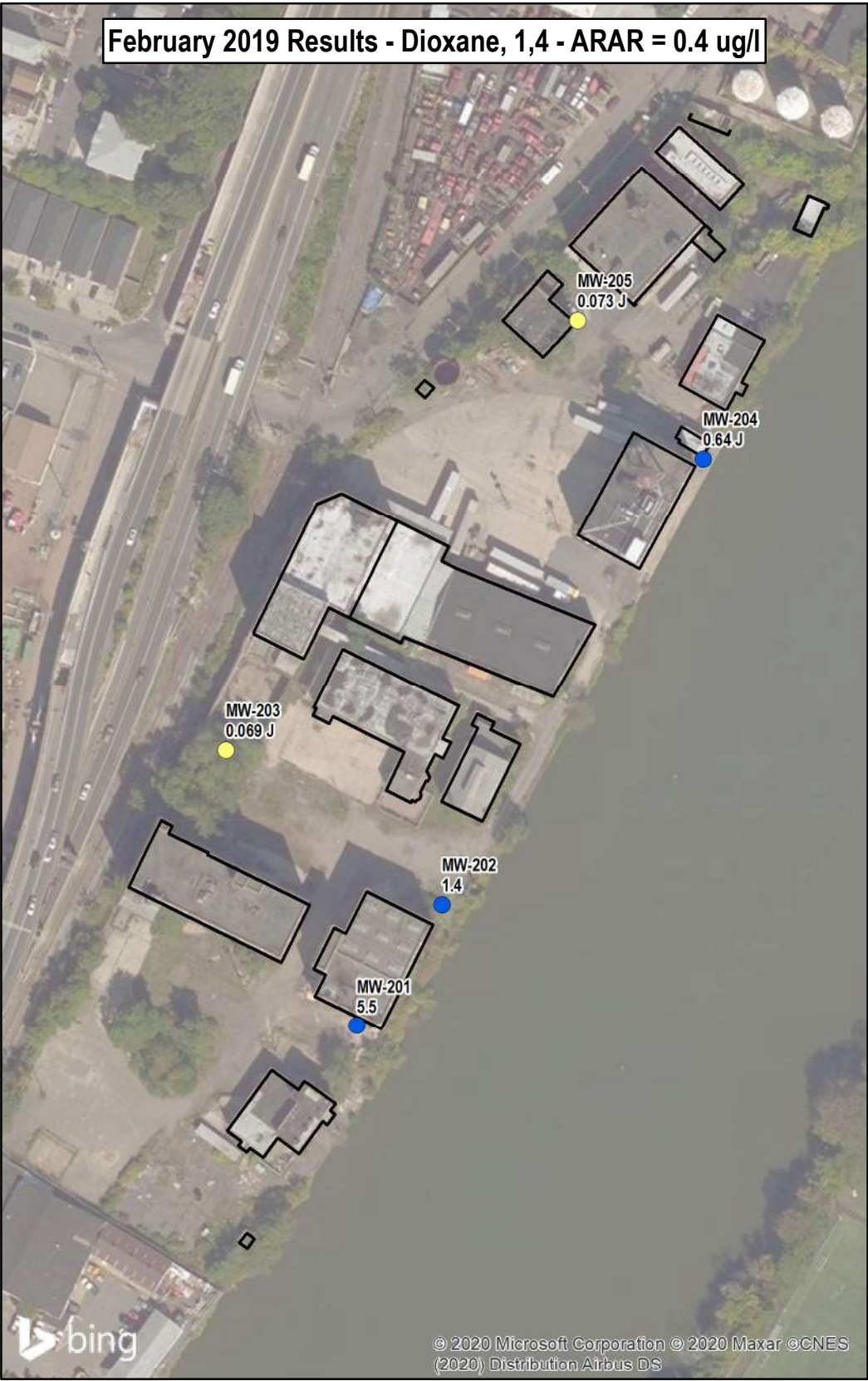
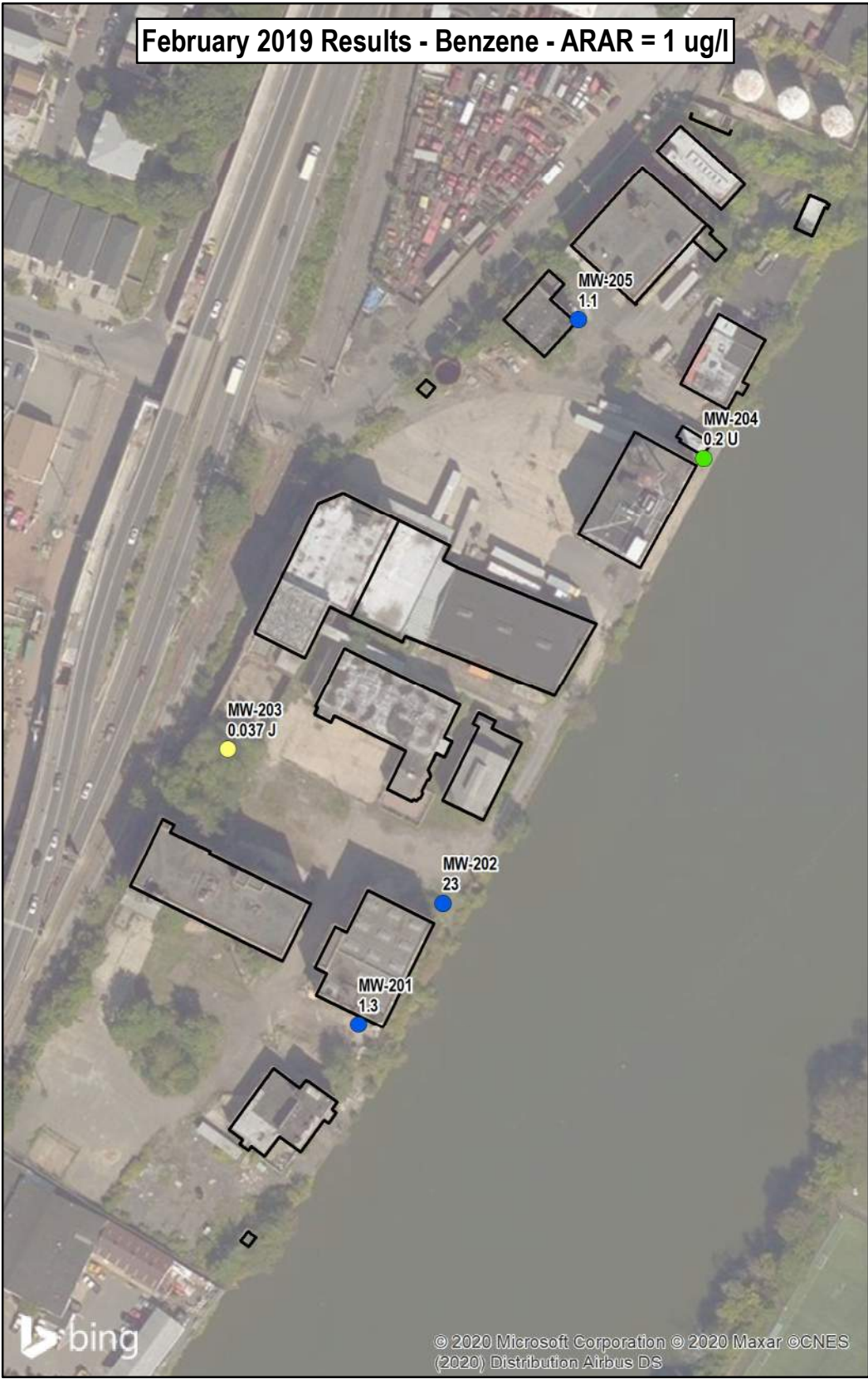
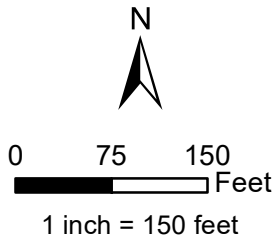


Figure 3-34
Groundwater Sampling Results
Benzene, 1,4-Dioxane, and Lead
Deep Unit

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

- Legend**
RIFS Groundwater Sampling Results (ug/L)
- Result Not Detected (green)
 - Detection Below ARAR
 - Detection Exceeds ARAR
 - Buildings (Survey)

Notes:
1. See RIR results tables for qualifier definitions



Project #: 0013620
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Figure 3-35
Site-Wide
Soil Sampling Results
Copper
PRG = 526 mg/kg

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

N

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

- Locations with multiple results represent multiple sample depth intervals at that location.
- Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
- Field duplicate results not plotted.
- See results tables for qualifier definitions.

0 100 200
Feet
1 inch = 125 feet

Project #: 0013620
Map Created: June 2020

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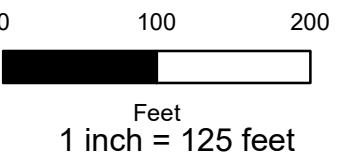
Figure 3-36
Site-Wide
Soil Sampling Results
Napthalene
PRG = 0.62 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

- Notes:**
1. Locations with multiple results represent multiple sample depth intervals at that location.
 2. Surface samples taken < 2', subsurface samples taken ≥ 2' based on initial interval depth.
 3. Field duplicate results not plotted.
 4. See results tables for qualifier definitions.



Project #: 0013620
Map Created: June 2020

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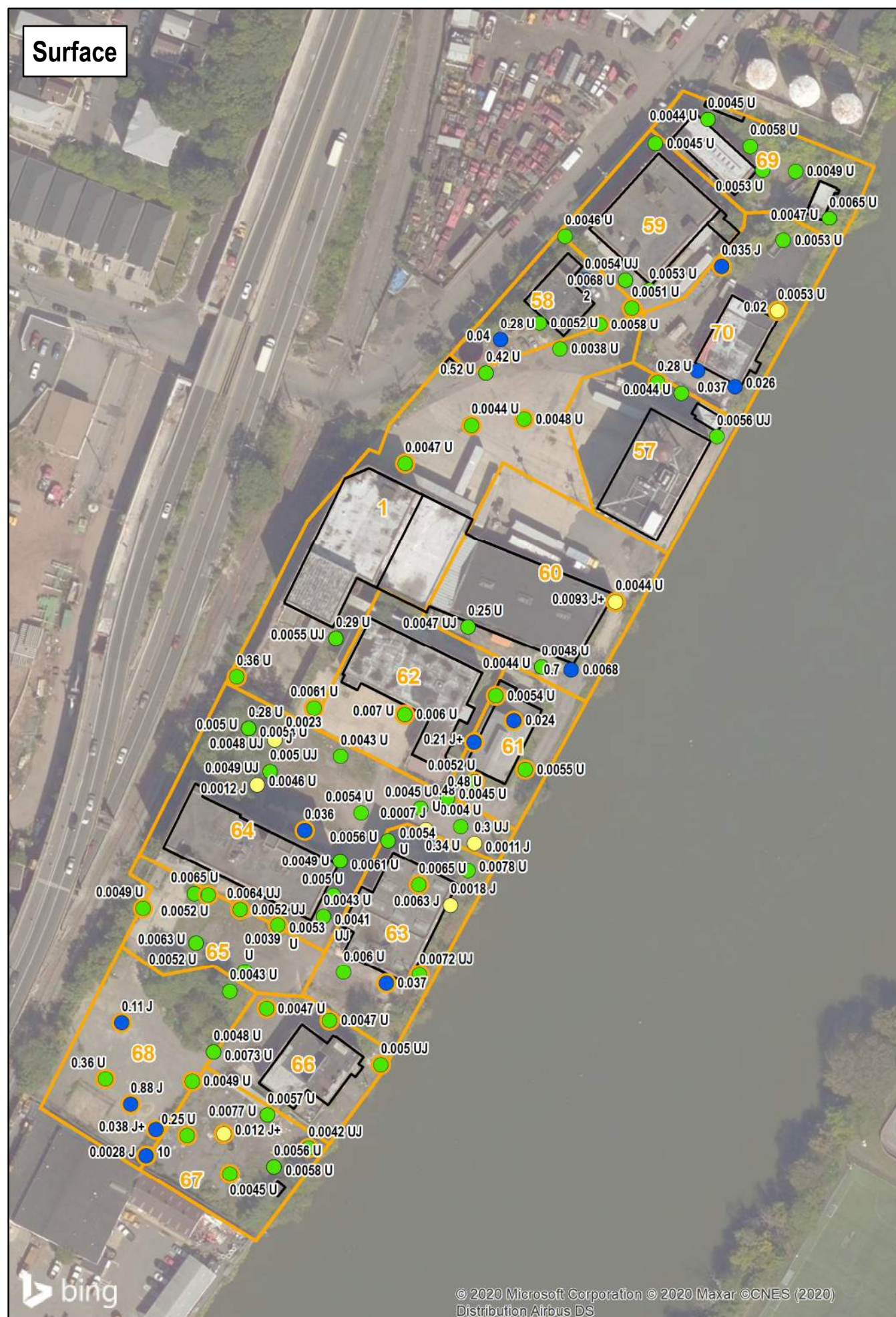


Figure 3-37
Site-Wide
Soil Sampling Results
Trichloroethene
PRG = 0.02 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



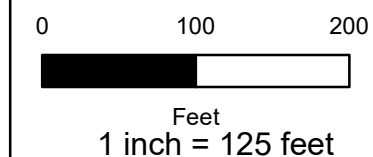
Legend

RIFS Soil Sampling Results (mg/kg)

- Result Not Detected (green)
- Detection Below ARAR (yellow)
- Detection Exceeds ARAR (blue)
- Buildings (Survey)
- Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.
4. See results tables for qualifier definitions.



Project #: 0013620
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Figure 3-38
Site-Wide
Soil Sampling Results
xylene, m-p
PRG = 6.5 mg/kg
Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey

Riverside Industrial Park Superfund Site
29 Riverside Avenue
City of Newark, New Jersey



Legend

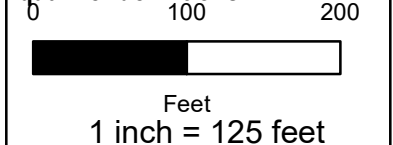
RIFS Soil Sampling Results (mg/kg)

-  Result Not Detected (green)
-  Detection Below ARAR (yellow)
-  Detection Exceeds ARAR (blue)
-  Buildings (Survey)
-  Lot Boundary

Notes:

1. Locations with multiple results represent multiple sample depth intervals at that location.
2. Surface samples taken $< 2'$, subsurface samples taken $\geq 2'$ based on initial interval depth.
3. Field duplicate results not plotted.

4. See results tables for qualifier definitions.




Project #: 0013620
Map Created: June 2020

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Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 2 - Institutional Controls and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-1	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL
- Engineering Control (Cap)

Note: Building demolition is not required or incorporated in this alternative

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 3 - Institutional Controls, Engineering Controls and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-2	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL
- Footprint of Soil Alternative 4 for Focused Lead Removal
- Engineering Control (Cap)

Note: Building demolition is not required or incorporated in this alternative

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 4 - Institutional Controls, Engineering Controls, Focused Removal with Off-Site Disposal of Lead and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-3	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend


- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
(See Soil Alternative 2 for Engineering Control - Cap Area)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Remediation Area: In-Situ Treatment
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL



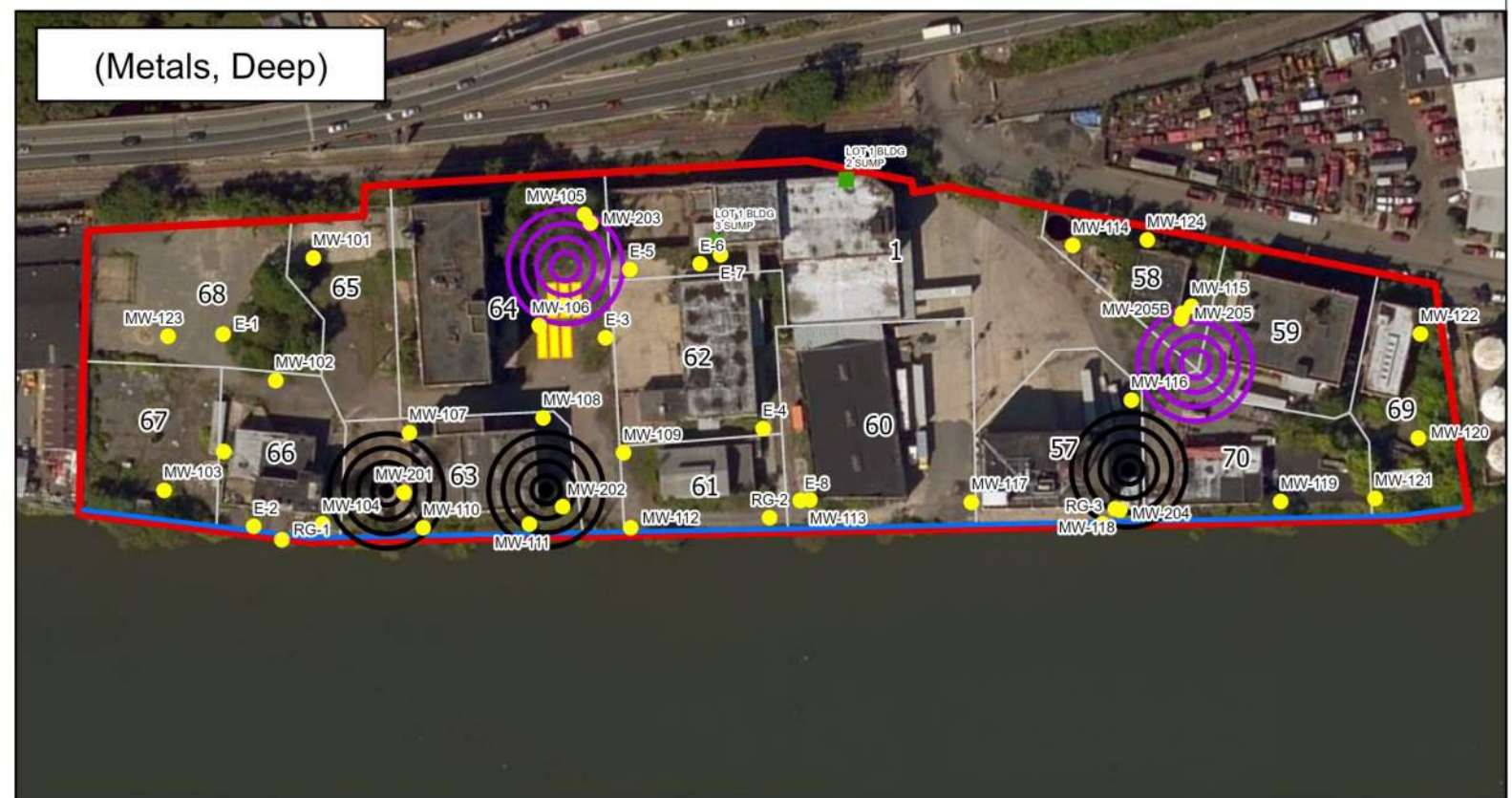
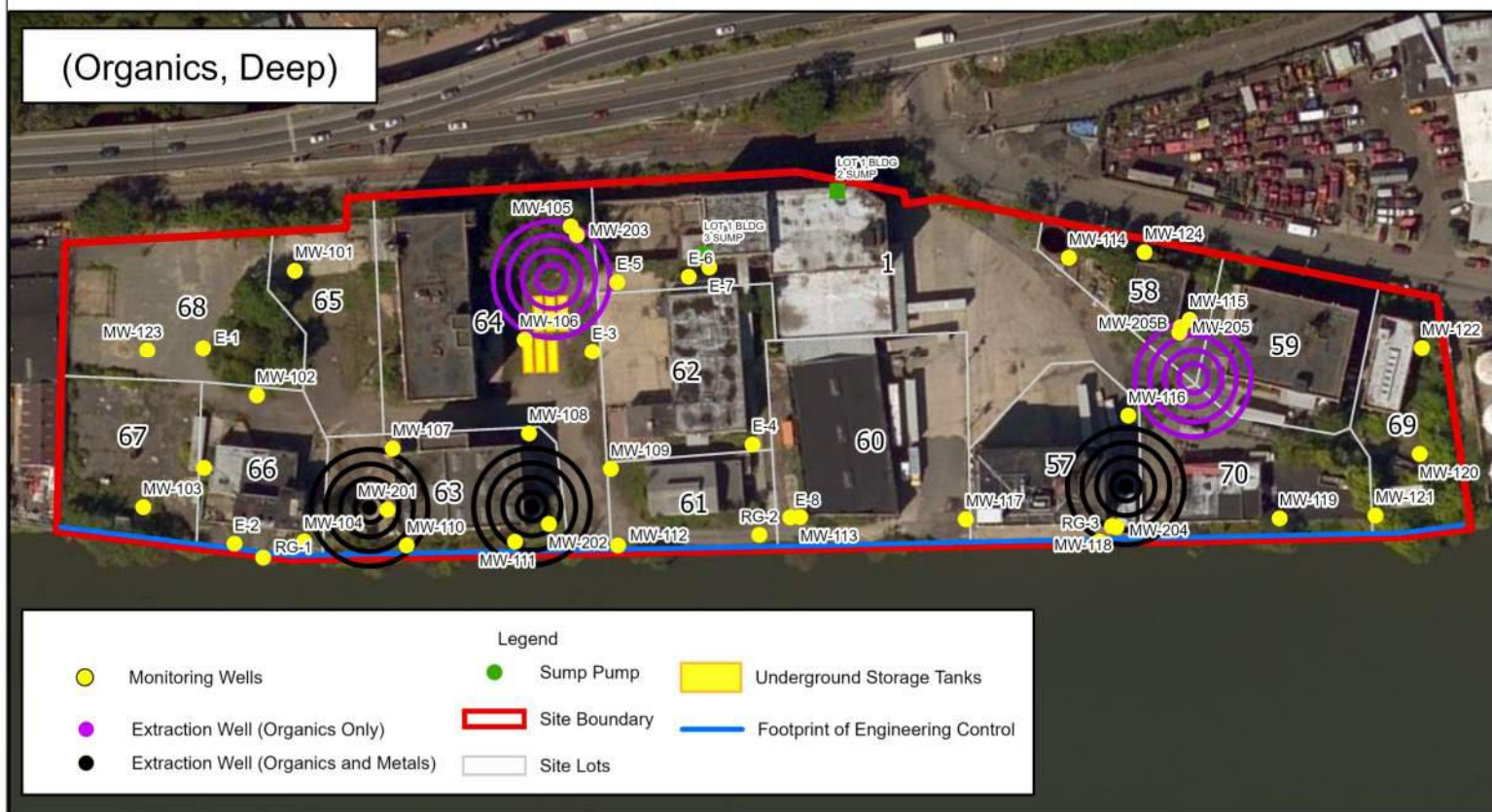
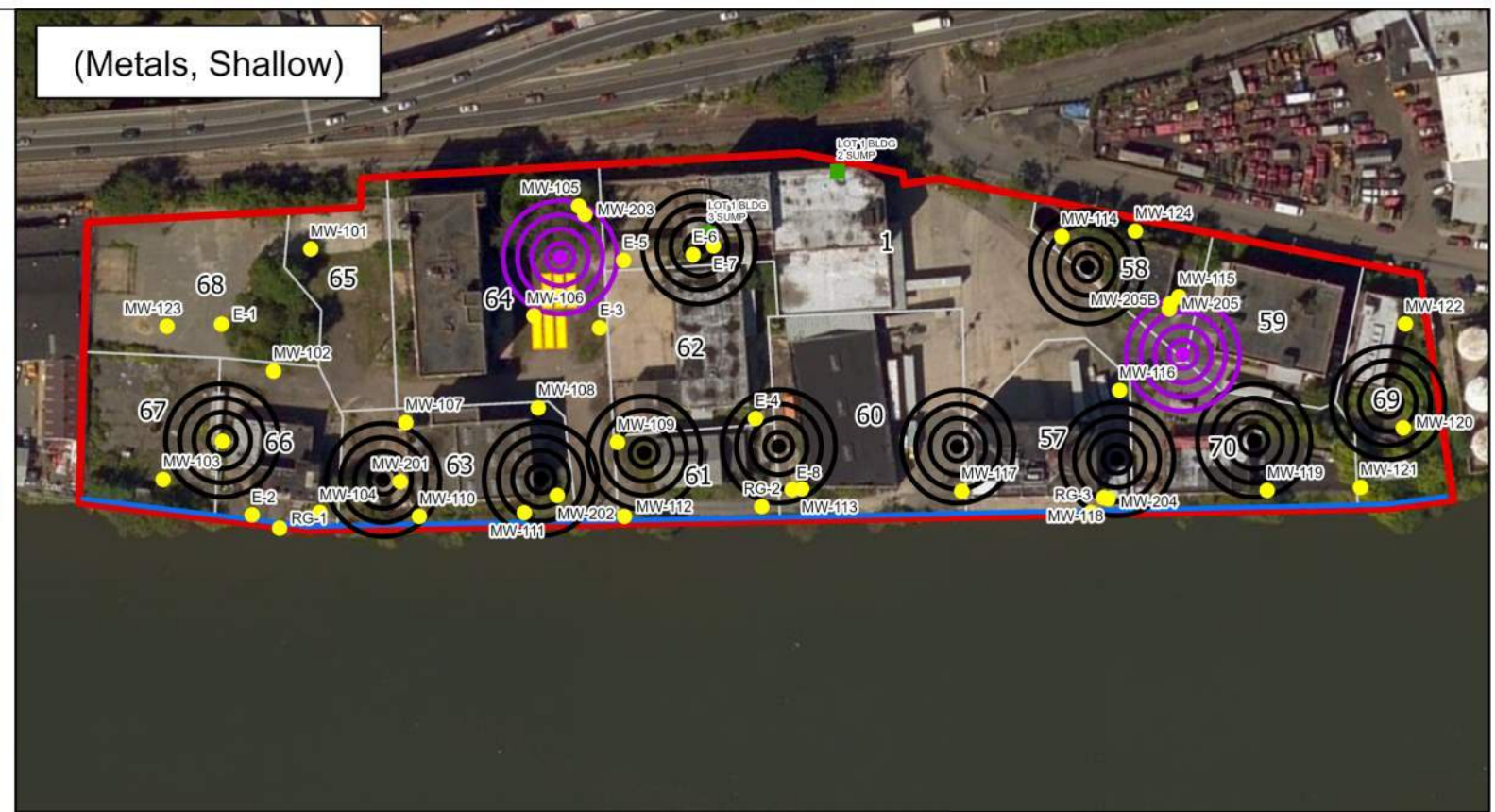
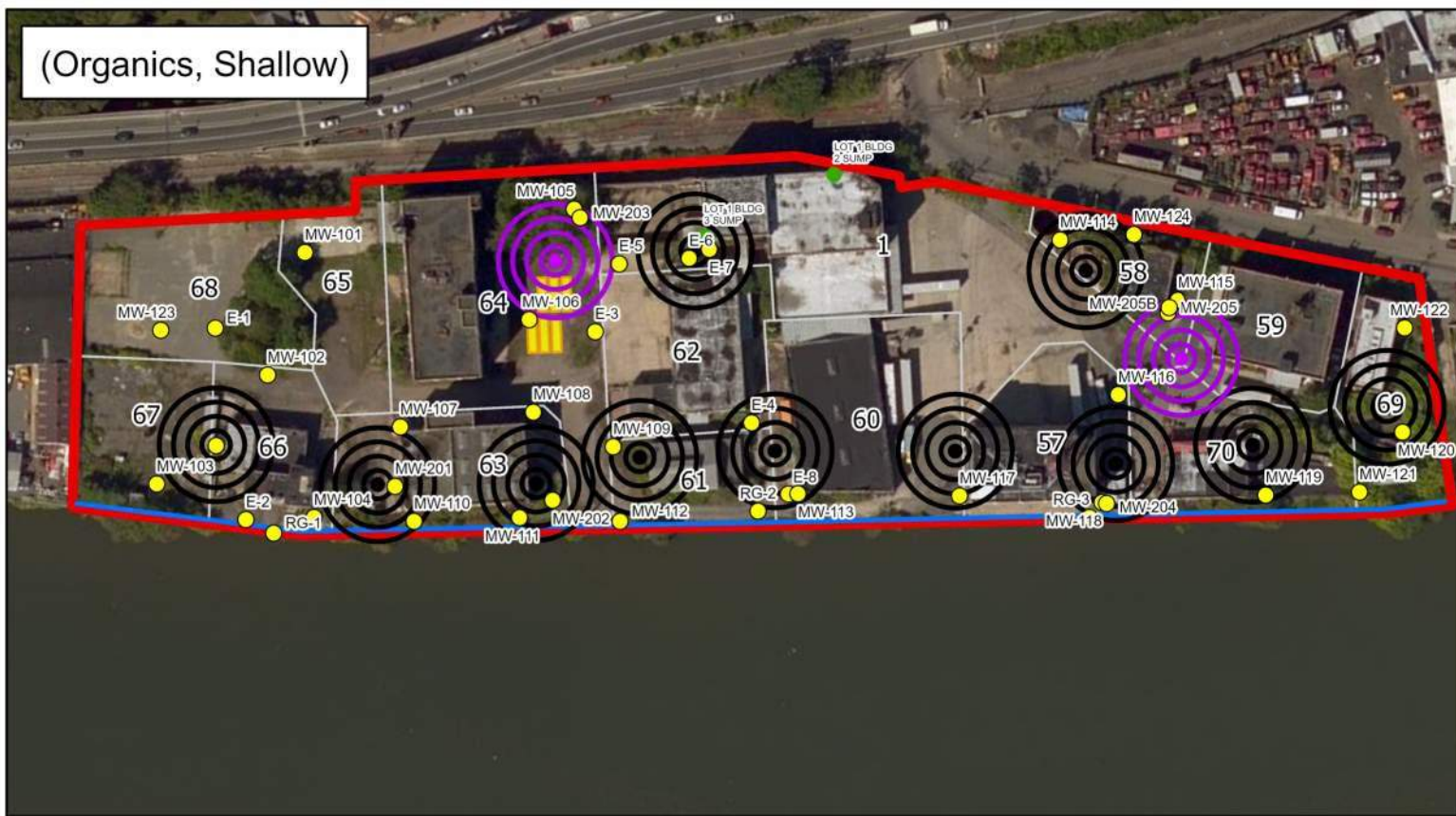
Legend

- Soil Boring
- Footprint of Engineering Controls (Bulkhead)
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Remediation Area: Excavation
- Excavation and Off-Site Disposal - UST and Soil/Fill NAPL

Note: Portions of Lots 67 and 69 not treated will be capped.

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Soil Alternative 6 - Institutional Controls, Removal and Off-Site Disposal and NAPL Removal	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-5	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		







JOB NO.:	0013620
DATE:	June, 2020
1 inch =	160 feet
SHEET:	OF

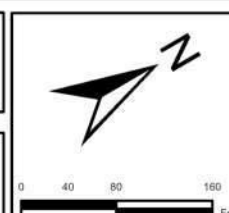
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE

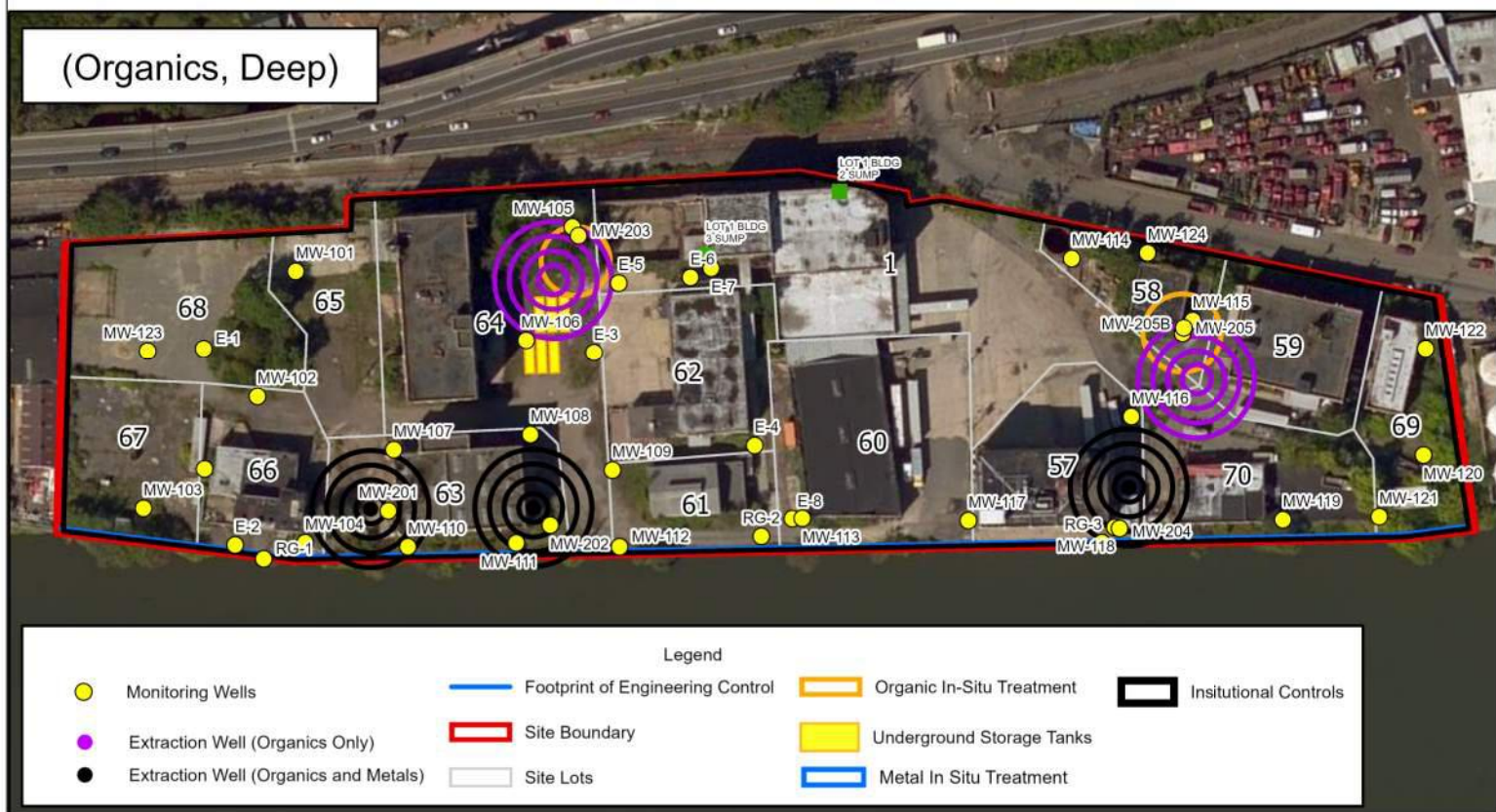
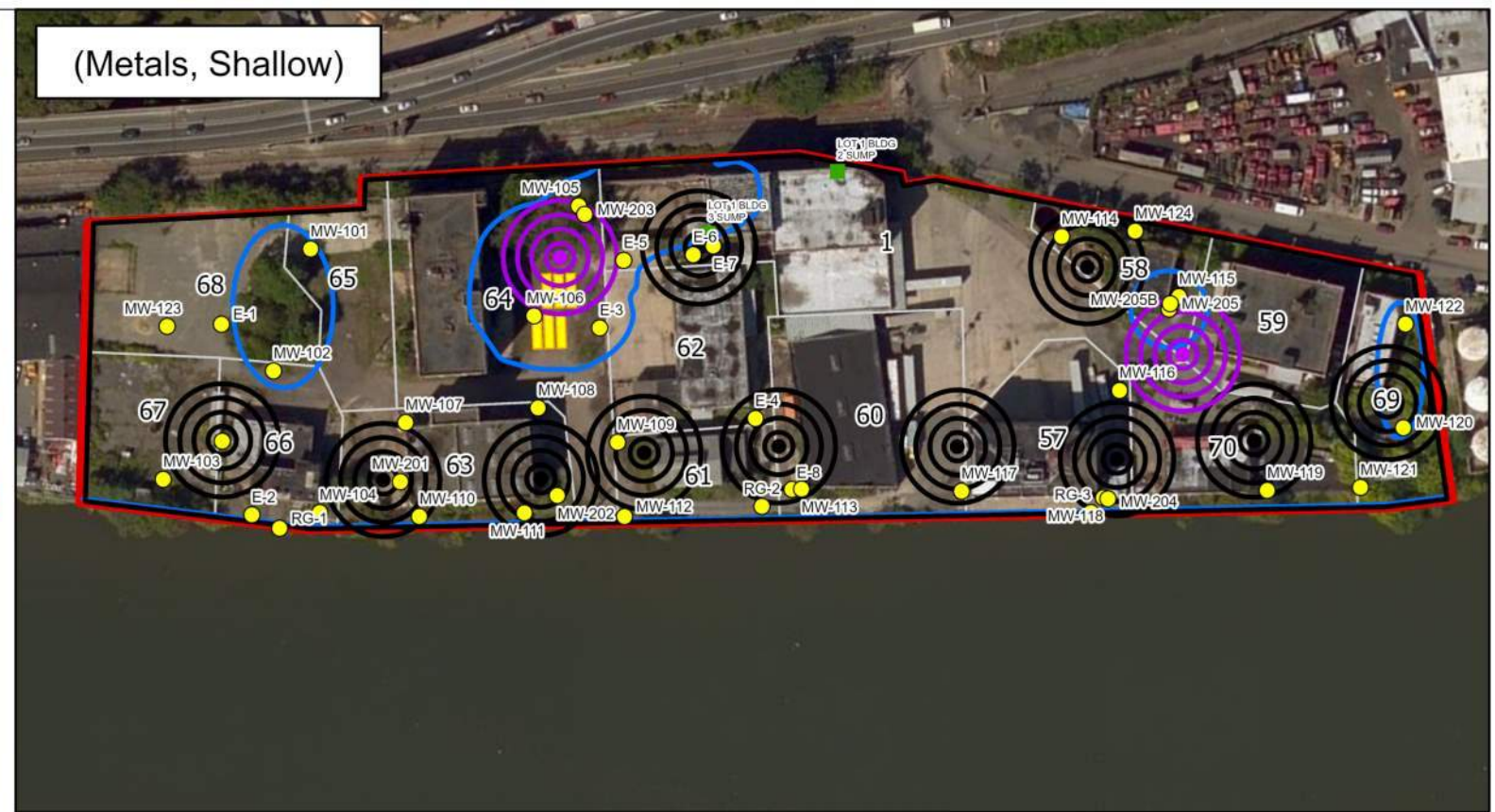
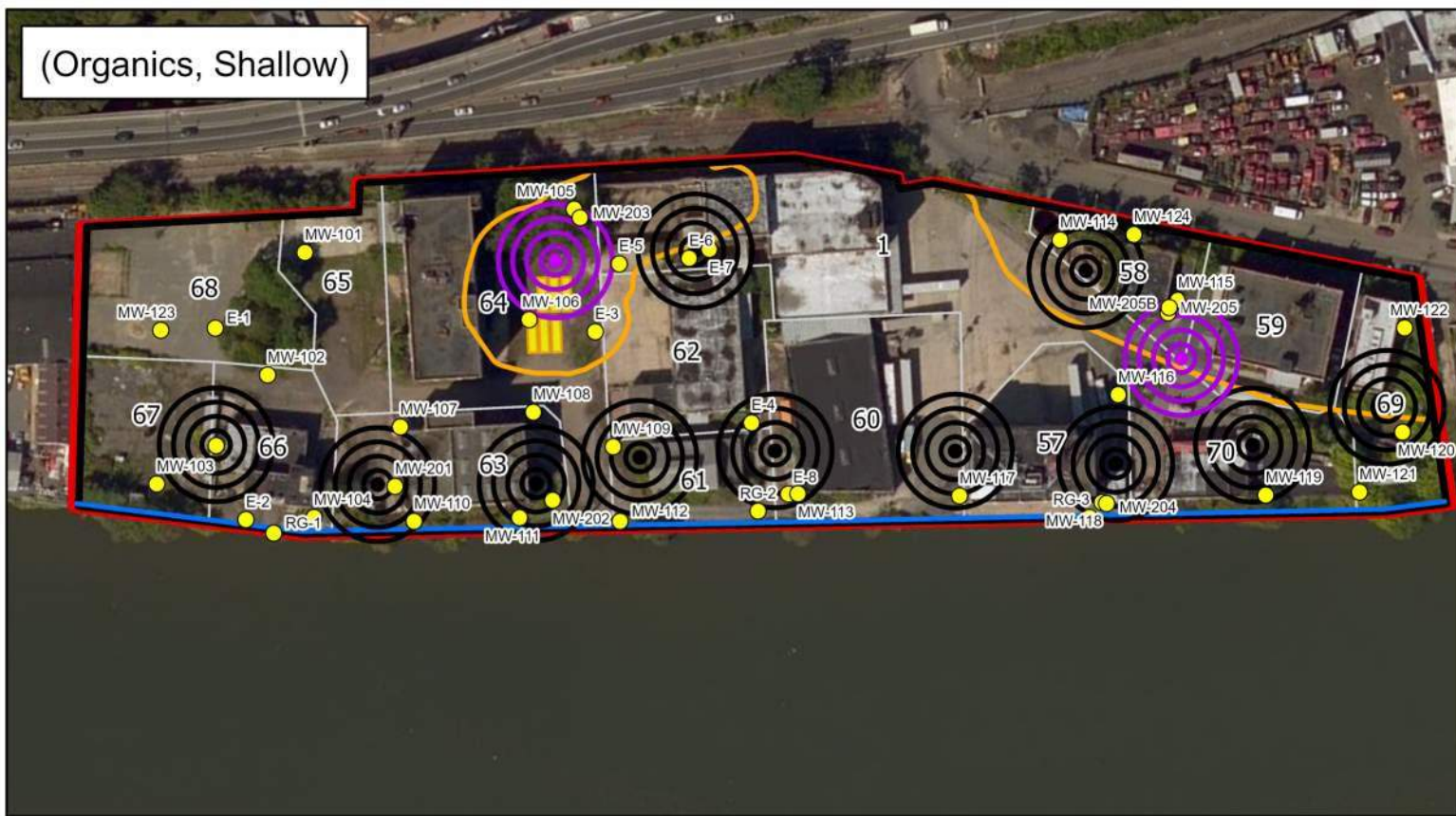
Newark, New Jersey

Groundwater Alternative 3 - Institutional Controls and In-Situ Remediation

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DS

Spatial Reference
Name: NAD 1983 StatePlane New Jersey
FIPS 2900 Feet







Legend

- Monitoring Wells
- Footprint of Engineering Control
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Deep Groundwater In-Situ Treatment Area
- Shallow Groundwater In-Situ Treatment Area
- Institutional Controls

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Groundwater Alternative 5 - Institutional Controls, Site Containment and Focused In-Situ Remediation	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-10	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Underground Storage Tanks
- Site Boundary
- Site Lots
- Institutional Controls
- Footprint of Engineering Control (Site Containment)

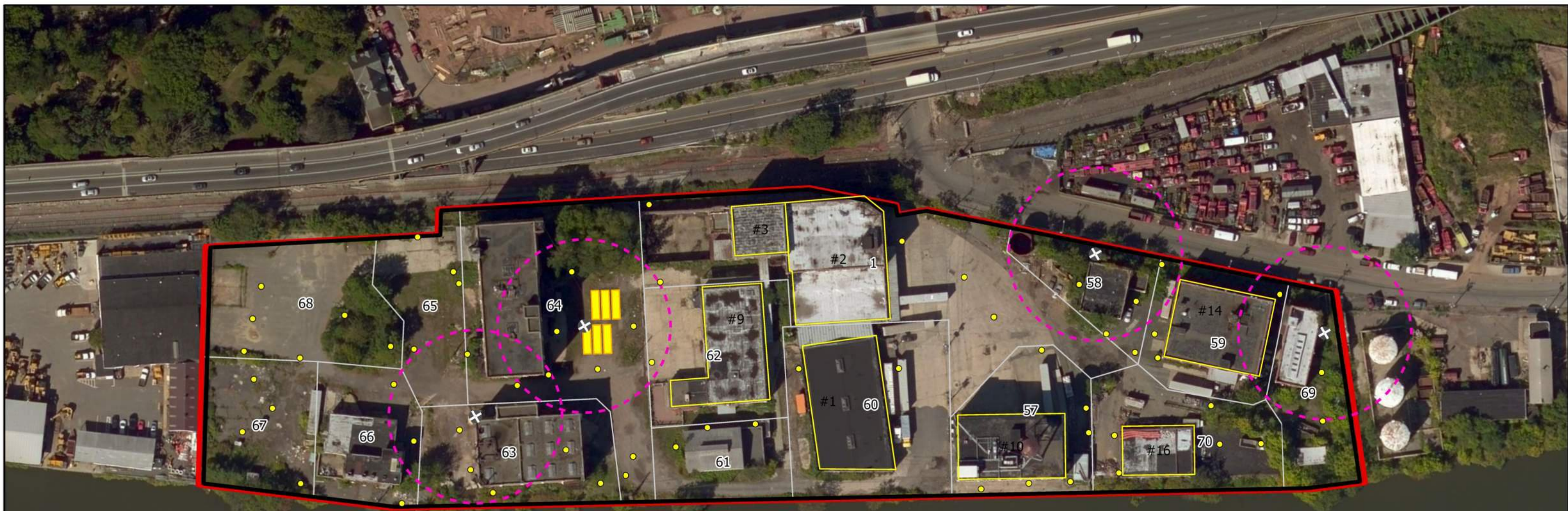
JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Groundwater Alternative 6 - Institutional Controls and Site Containment	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS	 0 25 50 100 Feet	Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-11	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Footprint of Engineering Control
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Insitutional Controls

JOB NO.: 0013620 DATE: June, 2020 1 inch = 100 feet SHEET: OF	RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE	Groundwater Alternative 7 - Institutional Controls, Site Containment and Monitored Natural Attenuation	© 2020 Microsoft Corporation © 2020 Maxar ©CNES (2020) Distribution Airbus DS		Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk.
FIGURE 5-12	Newark, New Jersey		Spatial Reference Name: NAD 1983 StatePlane New Jersey FIPS 2900 Feet		



Legend

- Soil Boring
 - Underground Storage Tanks
 - Site Boundary
 - Site Lots
 - Air Monitoring or Engineering Controls (Existing Occupied Buildings)
 - Institutional Controls
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance.
- ⊕ Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.

JOB NO.: 0013620
 DATE: June, 2020
 1 inch = 100 feet
 SHEET: OF

FIGURE 5-13

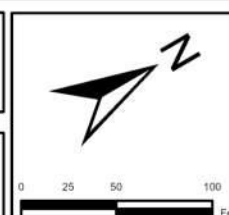
RIVERSIDE INDUSTRIAL PARK
 SUPERFUND SITE

Newark, New Jersey

Soil Gas Alternative 2 - Institutional Controls, Air Monitoring or
 Engineering Controls (Existing Occupied Buildings) and Site-
 Wide Engineering Controls (Future Buildings)

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Spatial Reference
 Name: NAD 1983 StatePlane New Jersey
 FIPS 2900 Feet



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Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Air Monitoring or Engineering Controls (Existing Occupied Buildings)
- Institutional Controls
- 100 Foot Buffer of Existing Occupied Building
- Removal and Off-Site Disposal (Existing Occupied Buildings, to address vapor intrusion from soil COCs, in lieu of air monitoring and engineering controls, unless groundwater concentrations exceed NJ Vapor Intrusion Screening Levels, in which case air monitoring or engineering controls would still be required)
- Remedial Footprint
 - Outside of 100 foot Occupied Building Area
 - Within 100 feet of Existing Occupied Building
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance. Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.



Legend

- Soil Boring
- Underground Storage Tanks
- Site Boundary
- Site Lots
- Air Monitoring or Engineering Controls (Existing Occupied Buildings)
- Institutional Controls
- 100 Foot Buffer of Existing Occupied Building
- Ex-Situ Treatment and On-Site Placement (Existing Occupied Buildings, to address vapor intrusion from soil COCs, in lieu of air monitoring and engineering controls, unless groundwater concentrations exceed NJ Vapor Intrusion Screening Levels, in which case air monitoring or engineering controls would still be required)
- Remedial Footprint
 - Outside of 100 foot Occupied Building Area
 - Within 100 feet of Existing Occupied Building
- Shallow Groundwater Vapor Intrusion Screening Level Exceedance. Existing or future buildings within 100-foot radius from monitoring well will warrant further investigation for potential vapor intrusion or institutional controls. Areas are based on current data. Boundary would be delineated from the edge of the plume, per NJDEP guidance.

JOB NO.: 0013620
DATE: June, 2020
1 inch = 100 feet
SHEET: OF

FIGURE 5-16

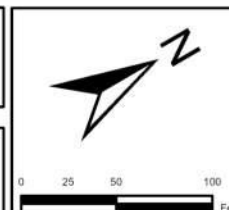
RIVERSIDE INDUSTRIAL PARK
SUPERFUND SITE

Newark, New Jersey

Soil Gas Alternative 5 - Institutional Controls, Site-Wide
Engineering Controls (Future Buildings), and Air Monitoring or
Engineering Controls and Ex-Situ Treatment and On-Site
Placement of Soil/Fill (Existing Occupied Buildings)

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Name: NAD 1983 StatePlane New Jersey
FIPS 2900 Feet



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